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# R. B. DUNNING & CO.

# SEEDS



**NOS. 54, 58, 62, 68 BROAD STREET**

## BANGOR, MAINE

N. S. Gromyskar

Established  
1835

Incorporated  
1897

# R. B. DUNNING & CO.

BANGOR, MAINE

## *Annual Catalogue*

1929

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*The Oldest Seed and Implement House in Maine*

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We take pleasure in presenting to our patrons and friends our catalogue for 1929.

For *Ninety-four Years* we have been established and enjoyed the good will of our customers, which is demonstrated by our greatly increased and continually growing business.

Our present location is within ten feet of where the business was established in 1835 and has always been in the Dunning family.

We always feel that our customers are our friends and wish to take this opportunity to express to the fullest extent our appreciation of the patronage they have given us in the past and intend to continue to merit the same by exercising the utmost care and fidelity in the future as has been in the past in promoting the interests of our many customers.

We beg to solicit your future favors and your recommendations to your friends.

R. B. DUNNING & CO.

NOTICE.—We offer our seeds with the full assurance that they are true and reliable, quality being always our first consideration, but at the same time we wish it particularly understood that we do not warrant them, either expressed or implied, for the ultimate success of a crop is dependent on so many contingencies that we cannot hold ourselves liable or responsible for failure. If the purchaser does not accept the seeds on these conditions, they must be returned at once.

R. B. DUNNING & CO.

All Prices Quoted in This Catalogue are Subject to Change without Notice



BANGOR AGRICULTURAL WAREHOUSE AND SEED STORE

Established 1835

# R. B. Dunning & Co.

## Seedsman

1 9 2 9

*Illustrative and Descriptive Catalogue of*

GARDEN, FIELD and GRASS SEEDS, GARDEN TOOLS,  
AGRICULTURAL IMPLEMENTS, POULTRY  
SUPPLIES, WOODEN WARE, DAIRY  
SUPPLIES, ETC.

PLUMBING, HEATING and WATER SUPPLIES  
RADIOS and RADIO EQUIPMENT  
ELECTRICAL SUPPLIES



# R. B. Dunning & Co.

Nos. 54, 58, 62, 64 and 68 Broad Street

Bangor, Maine

# BUSINESS INSTRUCTIONS

In ordering goods please give your Name, Post Office and State in full, being particular to write *your Name, Post Office and Shipping Destination very distinctly.*

*Remittances* can be made by Post Office Money Orders, Bank Drafts, Express Orders or cash sent in Registered Letter.

*Orders from unknown correspondents* must be accompanied by a remittance or a *satisfactory reference*, Bangor references preferred on account of saving of time.

When ordering seeds in bulk by Parcel Post, postage must be added as per parcel post rates, see below. Seeds by packet and ounce will be mailed without extra charge.

In sending money for Postage on goods to be sent by Parcel Post, in case more money is sent than required, the balance will be returned either in stamps or our check owing to the amount to be returned.

In shipping we make no charge for delivery to railroads, steamers or express companies.

We *guarantee* safe delivery to the Railroads, Express Companies and Post Office. Our responsibility ceases on delivery of goods to the above carriers.

When ordering goods please state if you want them sent by Parcel Post, Express or Freight.

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## LIBERAL REDUCTION TO CLUBS

Liberal reductions will be made to persons selecting *packet seeds* from our Catalogue at the prices named, and will be forwarded, postage free, to any part of the United States.

Those remitting \$1.50	may select seeds in packets and ounces amounting to \$1.80
" " 2.50	" " " " " " " " " " 3.00
" " 3.50	" " " " " " " " " " 4.50
" " 4.50	" " " " " " " " " " 6.00
" " 5.50	" " " " " " " " " " 7.50

This reduction is for SEEDS in PACKETS AND OUNCES ONLY. Seeds when ordered in larger packages than the above, such as  $\frac{1}{4}$  pounds, pounds, bulbs, plants or other goods shown in catalogue, will not be included.

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## General Information Concerning the Parcel Post

SEEDS, IMPLEMENTS, and MERCHANDISE come under *FOURTH CLASS MATTER* and all take the same rates of Postage when sent by *PARCEL POST*.

### RATES OF POSTAGE FOR 4th CLASS MERCHANDISE

Zone Distances	Zones	First Pound	Each Additional Pound
Bangor and Rural Delivery,		\$ .07	\$ .01 up to 70 lbs.
Within 150 Miles,	1st & 2nd	.07	.01 up to 70 lbs.
150 to 300 Miles,	3rd	.08	.02 up to 70 lbs.
300 to 600 Miles,	4th	.09	.04 up to 50 lbs.
600 to 1000 Miles,	5th	.10	.06 up to 50 lbs.
1000 to 1400 Miles,	6th	.11	.08 up to 50 lbs.
1400 to 1800 Miles,	7th	.13	.10 up to 50 lbs.
*1800 Miles and over,	8th	.14	.12 up to 50 lbs.

\* Includes non-contiguous possessions.

### RESTRICTIONS

Size limit, 84 inches in length and girth combined. Eight ounces or less,  $1\frac{1}{2}$  cents for each 2 ounces, over eight ounces considered one pound. Fractional pounds considered pounds.

Weight limit up to and including third zone 70 lbs., beyond that, 50 lbs.

Any goods of a *Poisonous* nature, such as *Paris Green*, *Arsenate of Lead*, *Hellebore*, *Bordeaux Mixture*, *Cooper Sheep Dip*, *Weed Killer*, etc., cannot be sent by Parcel Post.

## SELECTED NORTHERN GROWN VEGETABLE SEEDS

**ORDER EARLY:**—Early buying is very much to the advantage of both the customer and the dealer. We would recommend sending in your order as soon as possible after receiving the catalogue, and thus avoid the rush of the planting season. Orders can be handled easier and much better than later. The customer gets his goods in much better condition, without delay, and consequently has them when they are needed.

Seeds sent by Mail, Express or Freight as the purchaser may wish. Seeds in packets and ounces mailed without extra charge for postage. When ordering by mail, add postage for beans, corn and peas at the rate of eight cents per pound to catalogue prices. For seeds in larger quantities to go by Parcel Post, see General Information on page 2.



### ARTICHOKE—Jerusalem

From four to five bushels will seed an acre; they should be cut the same as potatoes, one eye on a piece being sufficient, planted in May in rows three feet apart, and about eighteen inches in the rows, and covered about two inches deep.

They are the best hog food known, and are attracting much attention on account of their great fattening properties, and for milch cows, they excel any root grown for increasing the flow of milk, and make it much richer.

An acre will keep from 20 to 30 hogs during the fall and winter months.

They are well adapted to any soil where corn or potatoes can be grown.

JERUSALEM ARTICHOKE. Tubers, per qt., 25 cents; per pk., \$1.50; per bu., \$4.00.

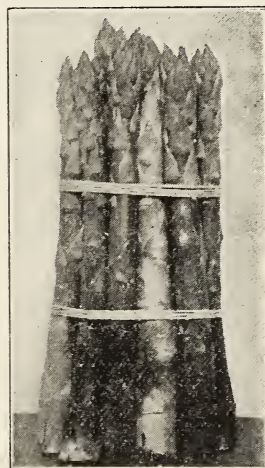
### ASPARAGUS

*One ounce of seed will sow sixty feet of drill.*

This is one of the first and finest spring relishes which come to the table from the garden, and it really requires very little trouble in cultivation, since a bed once properly made and planted will last for years. The soil for the bed can hardly be made too rich, and the fertilizer should be well trenched-in to the depth of 2 feet or more. The roots should be planted as early in spring as the ground can be prepared, setting them a foot apart in rows 3 or 4 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 60 feet of drill, and produce about 300 plants. Fair crops may be expected the third year.

CONOVER'S COLOSSAL. Widely cultivated; very large, deep green; tender stalks of good flavor; the roots are vigorous and productive ..... Pkt. Oz. ¼ lb. .10 .25 .75

For price on Asparagus Roots, see Vegetable Plants.



*Conover's Colossal  
Asparagus*



## GARDEN BEANS

### Dwarf or Bush

*Two pounds is sufficient for one hundred feet of drill; 90 pounds for one acre in drills.*

A succession of sowings can be made from the first week in May until July. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

*When ordering Beans sent by mail add eight cents per pound to catalogue prices for postage.*

### Green Podded Varieties

**BURPEE'S STRINGLESS POD BUSH BEAN.** Dwarf green podded beans; stringless and remain tender and crisp long after maturity. Pods light green, long, round, fleshy. Very productive and of fine flavor .....

11b.	21bs.	151bs.
.35	.60	3.50

DWARF HORTICULTURAL. A fine, early shell bean .....	.35	.60	3.50
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**IMPROVED GODDARD OR BOSTON FAVORITE.** A fine shell bean, very similar to the Dwarf Horticultural but much larger. A great favorite throughout this section as a shell bean for market gardeners as it matures earlier than the large pole varieties .....

11b.	21bs.	151bs.
.35	.60	3.50

**BOUNTIFUL.** Excellent market garden variety. Pods are medium size, green and flat; a superior snap bean. Very prolific .....

.35	.60	3.50
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**Low's CHAMPION.** One of the best for either snap or shell beans. Very productive; large, green, flat pods .....

.35	.60	3.50
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*Burpee's Stringless Green Pod*



*Bountiful Bush Beans*

**GIANT STRINGLESS GREEN-POD.**

This is a distinct cross-bred variety, possessing all the merits of the old favorite Round-Pod Valentine. The pods being larger, five to six inches in length; absolutely stringless, very crisp, round, full and fleshy. Very productive and maturing but a

little later than the Burpee's Stringless ..... 11lb. 21lbs. 151lbs.  
Stringless ..... .35 .60 3.50

**BUSH LIMA.** The pods are me-

medium green, are as broad and very nearly as long as those of the pole variety. They are of excellent quality, either green, shelled or dry ..... .25 .40

**LONG YELLOW SIX WEEKS.**

Hardy and prolific, an excellent early string bean; pods green ..... .35 .60 3.50

*Improved Golden Wax*

*Prices for Beans in larger quantities quoted on application.*

**Wax, or Yellow Podded Varieties**

**CURRIE'S RUST PROOF, OR BLACK WAX BUSH.** Straight, yellow, stringless pod. Unsurpassed for quality ..... 11lb. 21lbs. 151lbs.  
..... .35 .60 3.50

**IMPROVED GOLDEN WAX.** An improvement on the old Golden Wax. Pod is somewhat round, meaty and entirely rust-proof ..... .35 .60 3.50

**DAVIS KIDNEY WAX.** This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy white color and handsome, *often growing to a length of seven to eight inches*, and when fit for use, are quite stringless and of fine flavor ..... .35 .60 3.50

**WARDWELL'S KIDNEY WAX.** Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy yellow. Very attractive market sort. Beans large, kidney-shaped, white and dark markings about the eye. First-class snap bean, and a good one for winter ..... .35 .60 3.50

**REFUGEE WAX.** Long, round, yellow wax pods, very productive, and not inclined to rust ..... .35 .60 3.50

All prices quoted in this catalogue subject to change without notice.



## FIELD BEANS—Dwarf

	11b.	21bs.	151bs.
YELLOW EYE. Very prolific; fine for baking .....	.20	.35	2.50
RED KIDNEY. Excellent as a shell bean and for baking .....	.20	.35	2.50
WHITE KIDNEY. Seed smaller than the red variety. Very prolific and exceptionally early. Fine for baking .....	.20	.35	2.50
IMPROVED WHITE PEA. Excellent for baking .....	.20	.35	2.50
IMPERIAL YELLOW EYE. Very similar in size and shape to the Old Fashioned Yellow Eye, and is very often mistaken for them. Pure white with the exception of having a small dot of yellow each side of the eye. Very prolific and of excellent quality for baking .....	.20	.35	2.50

*Prices on Beans in larger quantities quoted on application.*



## BEANS—Pole or Running

*Two pounds will plant 125 hills, 18 to 24 pounds to the acre.*

These are more tender, and require rather more care in culture than the bush beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.



*Lazy Wife's Pole Beans*

HORTICULTURAL OR SPECKLED CRANBERRY. The most popular variety 11b. 21bs. 151bs.  
for both string and shell beans ..... .35 .60 3.50

CARMINE PODED HORTICULTURAL. An improvement over the common Horticultural, being very much larger and much more productive. As a market shell bean, it has no equal ..... .35 .60 4.00

LAZY WIFE. Immensely popular everywhere. Pods are large, green, entirely stringless, and of excellent flavor. It is exceedingly productive and easily gathered. Such is the peculiar taste and pleasant flavor of this bean that many persons could not be induced to eat other varieties of string beans, after tasting Lazy Wife. Excellent for shelling or baking ..... .35 .60 3.50

**RED CRANBERRY.** Small, round, green pods, almost stringless, very tender. One of the best for a string bean ..... 1lb. 2lbs. 15lbs.  
.35 .60 4.00

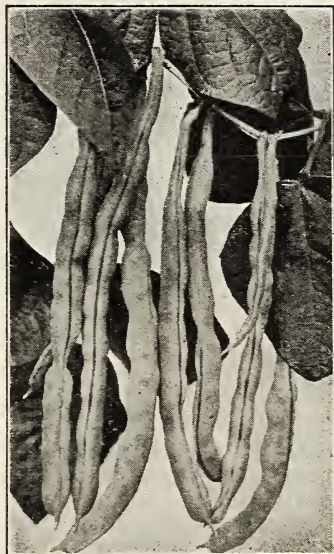
**GOLDEN CLUSTER WAX.** Pods a beautiful golden yellow, from six to eight inches long, produced in clusters of four to six. One of the earliest of the pole wax beans and very productive. Quality excellent ..... .35 .60 3.50

**DUTCH CASE-KNIFE.** Very prolific, pods very long and flat, seven to eight inches long and three-quarters to one inch wide. Excellent quality, whether used green or dry. .... .35 .60 3.50

**KENTUCKY WONDER OR OLD HOME-STEAD.** A very prolific sort, producing its pods in large clusters. Pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, of fine flavor and most excellent for snap beans. One of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance ..... 1lb. 2lbs. 15lbs.  
.35 .60 3.50

**EARLY JERSEY LIMA.** Of large size. Very tender and of delicious flavor. Very early. Out of a number of varieties that we have tried, we found this to be the most desirable sort for this climate ..... .40 .70

**KENTUCKY WONDER WAX.** Similar to the green podded Kentucky Wonder. One of the very best wax pod pole beans, very prolific, perfectly stringless and of excellent quality ..... .35 .60 3.75



*Kentucky Wonder Beans*

**SCARLET RUNNER.** Very ornamental, free climber with bright scarlet flowers ..... Pkt. 1lb. 2lbs.  
.15 .40 .70

**WHITE DUTCH RUNNERS.** Large, white flowers; often planted with the scarlet variety; the effect is very beautiful ..... .15 .40 .70

*Prices for Beans in larger quantities quoted on application.*

## BEETS

*One ounce to fifty feet of drill, six pounds to the acre.*

The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches. For the main crop sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots care must be taken that they are not bruised.



*Crosby's Egyptian*

**PERFECTION EARLY BLOOD TURNIP BEET.** This beet is the result of years of careful selection. It is very early with exceedingly small tops, roots globular and very smooth, flesh of a bright blood-red color, very crisp, tender and sweet. It is equally good for the market or home garden, as it is an excellent keeper as well as being very early .....

Pkt.	Oz.	¼ lb.	Lb.
.10	.25	.75	2.00

**DETROIT DARK RED BEET.**

As early as Crosby's Egyptian, with flesh a very dark, intense red. Tops small, roots globular, or ovoid; very tender and sweet; good keeper. An early beet of the finest quality for either home or market use .....

.10	.20	.55	1.50
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**DIRIGO EXTRA EARLY.** Originated with a leading market gardener and was brought to perfection after years of careful cultivation. It is a rich, blood-red beet of fine grain and flavor, is earlier than either the Egyptian or Eclipse, of smooth and rapid growth; top and tap root being very small .....

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.55	1.75

**CROSBY'S EGYPTIAN.** This variety resembles the Egyptian only in its extreme earliness. It grows much larger and lighter colored. It is one of the best sort for early planting as it reaches a usable size sooner than any other sort .....

.10	.20	.55	1.50
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*Detroit Dark Red Beet*

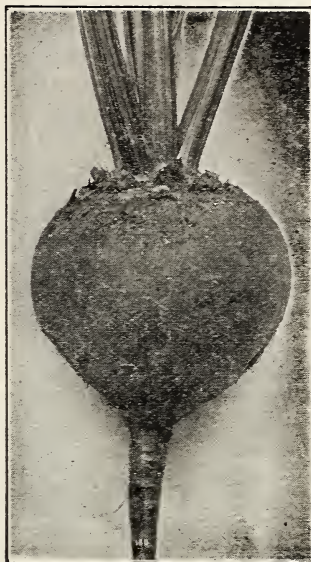
CRIMSON GLOBE. Skin smooth and regular. Flesh a deep, purplish crimson; foliage small, of a rich bronze purple. Roots globular in form with very tender and sweet flesh ..... P'kt. Oz. ¼ lb. Lb.  
 .10 .20 .55 1.75

ECLIPSE. This variety is about as early as the Egyptian, but of larger and finer quality ..... .10 .20 .50 1.25

EARLY WONDER BEET. New England variety, small tap root, semi-globular in shape, dark rich blood color, finely shaped and of decided earliness ..... .10 .20 .55 1.75

DEWING'S BLOOD TURNIP. Of fine form and flavor; blood red, medium early and a good keeper; a desirable variety. It is equally good for market or home garden ..... .10 .20 .50 1.25

EDMAND'S EARLY BLOOD TURNIP. The largest sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with marketmen ..... P'kt. Oz. ¼ lb. Lb.  
 .10 .20 .50 1.25



*Edmand's Beet*



*Swiss Chard Beet*

SWISS CHARD. Grown for the leaves only. Sometimes called Sea Kale Beet. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach. The leaf stock is cooked and prepared like asparagus. Especially desirable for the home garden; lasting all thru the season ..... .10 .20 .55 1.75

## SUGAR BEETS and MANGEL WURZELS

*Varieties Grown for Feeding Stock (Sown in May or Early in June) Six Pounds Per Acre*

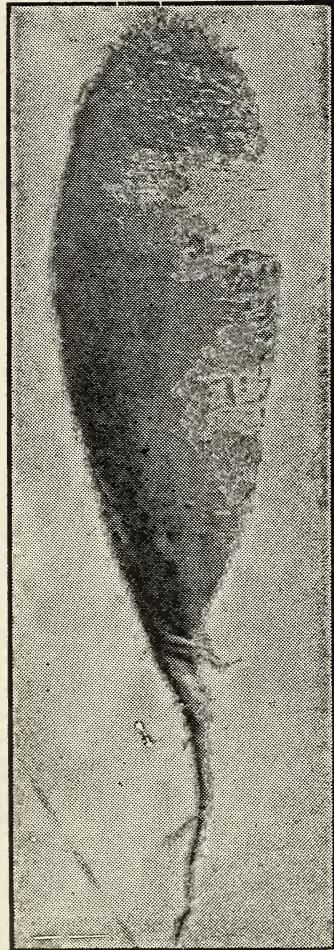
	P'kt.	Oz.	¼ lb.	Lb.
GOLDEN TANKARD. A half long variety of a bright yellow color .....	.15	.30	.75	
NORBITON GIANT MANGEL WURZEL. Extra fine. Long Red, very large .....	.15	.30	.75	
IMPROVED MAMMOTH LONG RED. Mangel Wurzel. A variety producing roots of mammoth size .....	.15	.30	.75	

All prices quoted in this catalogue subject to change without notice.



LANE'S IMPROVED SUGAR. A well-known variety;      Oz. ¼ lb. Lb.  
valuable for feeding to cattle .....      .15 .30 .75

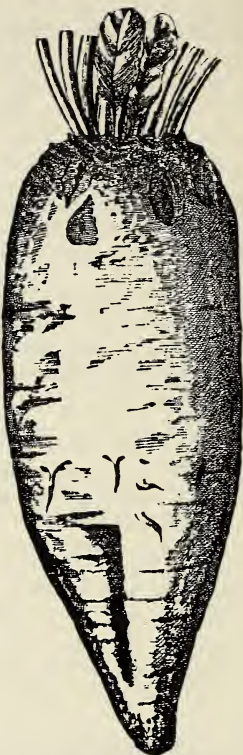
DANISH SLUDSTRUP. This wonderful new man-  
gel is of Danish origin and has repeatedly  
been awarded a first-class certificate by  
the Danish government on account of the  
larger yield per acre and the greater feed-  
ing value, per ton, over other well-known  
standard varieties. It has a long, reddish-  
yellow root, growing well above the ground,  
and on that account is very easily harvested.  
Tried with six standard, well-known varieties  
of Mangels by us, we found that the Sludstrup  
gave a far greater yield. We think this is  
the best Mangel ever introduced .....      .15 .30 .80



Giant Feeding Sugar Beet

GIANT YELLOW ECKENDOFF.

A very popular Danish  
variety of mangel of a  
square, chunky type. It is  
very valuable, not only for  
its high feeding value, but  
also for its phenomenal  
yields. As the greater  
portion of the root grows  
above the surface of the  
soil, they are easily har-  
vested, and their chunki-  
ness prevents breaking in  
handling. We consider this  
one of the best varieties .....      .15 .30 .75



Danish Sludstrup  
Mangel Wurzel

Oz. ¼ lb. Lb.  
.15 .30 .75

GIANT FEEDING SUGAR. A cross of the  
Mammoth Red Mangel and Improved  
Sugar Beet. Roots large, long and  
smooth, and of a beautiful light rose  
tint. Yields nearly as large a crop as  
the Mangels and supplies a food of  
very much higher nutritive value. The  
roots grow partly out of the ground  
and can be harvested very easily .....      .15 .30 .75

GIANT YELLOW INTERMEDIATE. This  
variety grows more than half above  
the ground, and is a russet, yellow  
color. The root is ovoid, intermediate  
between the long and globe varieties.  
Flesh white, firm and sweet, much  
liked by cattle. Produces enormous  
crops and a good keeper .....      .15 .30 .75



## "A Real Pedigreed Fodder Beet"

### "ORIGINAL KIRSCH'S IDEAL"

#### MANGEL WURZEL

This beet has been bred up with a view to maintaining a large tonnage per acre and increasing the percentage of sugar and digestible dry matter. Nearly forty years of systematic breeding has produced a beet that carries fifty per cent more sugar and dry matter than ordinary mangels and at the same time a full content of protein. A ton of "Kirsche's Ideal" is equal to a ton and a half of ordinary mangels. It is a heavy cropper, easy to harvest, excellent keeper. In form it is cylindrical, growing high out of the ground, with a single tap root from a flattened base which makes clean and easy harvesting. The beet has a yellow skin, with white, crisp interior tissue, a most pleasant flavor and very sweet.

The best beet for dairy cattle and for all kinds of live stock Oz.  $\frac{1}{4}$  lb. Lb.  
and for winter poultry feed ..... .15 .40 1.25

KLEIN WAUZELEBEN. This is the variety of Sugar Beet that is grown on a larger scale for sugar factories than any other. Roots wedge shape, tapering to point. Does not grow as large as some other varieties but contains the largest percentage of saccharine matter. Valuable for feed- Oz.  $\frac{1}{4}$  lb. Lb.  
ing stock as well as for producing sugar ..... .15 .35 1.00



## BRUSSELS SPROUTS

*One ounce will produce 2000 plants.*

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little cabbages, and are considered a great delicacy by many people. Cultivate the same as cabbage or cauliflower.

HALF DWARF PARIS MARKET. A most excellent variety and sure cropper. Tender Pkt. Oz.  
and of fine flavor ..... .10 .50



*Brussels Sprouts*

## CABBAGE

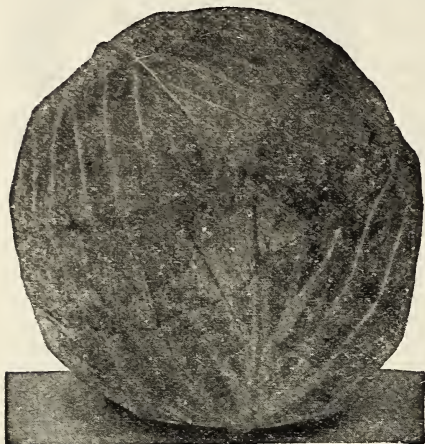
*One ounce will produce about 3000 plants; four or five ounces per acre.*

The Cabbage is one of the most important vegetables, and some of its varieties universally cultivated. The ground must be highly manured, deeply dug or plowed, and thoroughly worked, to insure good, full-sized heads, a heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hotbeds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

EARLY JERSEY WAKEFIELD. This is the standard early pointed head cabbage. For the market garden it is the best, and for early home use all should have it ..... Pkt. Oz. Lb.  
..... .10 .35 1.25

EARLY WINNINGSTADT. An excellent sort, heads of large size ..... .10 .35 1.25

GLORY OF EUKHIEZEN. An excellent, medium early, short-stemmed, foreign variety; heads round with very few outer leaves. For so early a variety the heads are extra large and very solid, also a good keeper. One of the most uniform and desirable varieties ..... 1 kt. Oz.  $\frac{1}{4}$  lb.  
 .10 .40 1.50



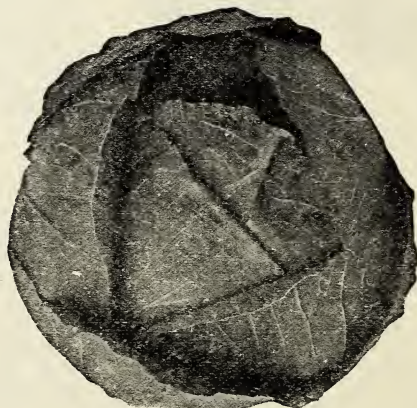
*Copenhagen Market Cabbage*

EARLY SPRING. The only Extra Early Round Flatheaded Cabbage in the world. Coming in with the Wakefield and yielding one-third more than any other Extra Early. This variety is of the Early Summer Type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted 21 inches apart, 14,500 to the acre. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest cabbage, though small, can be obtained long before it has attained its mature size ..... Pkt. Oz.  $\frac{1}{4}$  lb.  
 .10 .35 1.25

COPENHAGEN MARKET. One of the best large early cabbages in cultivation. The heads are round in form, are very solid with small core and of excellent quality. The plant is short-stemmed and heads set near the ground. It is ready for market fully as early as the Early Jersey Wakefield, and the heads being much larger give a far greater yield per acre. One of the very best early cabbages for market gardeners ..... .10 .40 1.50

PREMIUM FLAT DUTCH. The old standard variety for the main crop. Large, solid head, extensively cultivated for market and family use and is very hardy. Excellent winter variety. It has long stood the test and is yet one of the best ..... Pkt. Oz.  $\frac{1}{4}$  lb.  
 .10 .35 1.25

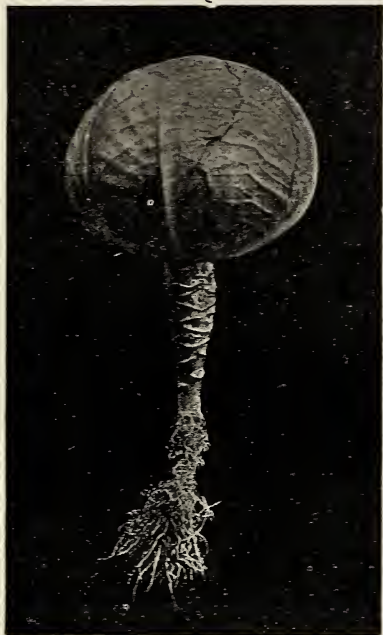
FOTTLER'S IMPROVED BRUNSWICK. An excellent medium early drumhead variety. Plants are short-stemmed, leaves large and compact. Considered one of the best by the market gardeners ..... .10 .35 1.25



*All Seasons' Cabbage*

DANISH BALL HEAD. Cape Elizabeth, Maine, grown. A valuable, round, solid, winter variety. It is of excellent quality and a long keeper, keeping long after other varieties have gone. Very profitable for shipping ..... .10 .65 2.25



*Danish Ball Head Cabbage*

**SURE HEAD.** Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is all head and sure to head even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weigh from 10 to 15 pounds each. Has but few leaves, keeps well. A good shipper, and just the variety to suit market gardeners and farmers .....

Pkt.	Oz.	¼ lb.
.10	.35	1.25

**AUTUMN KING.** Entirely distinct, one of the best keepers, enormous sized head, of that dark shade of green, which is most desirable in a cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts; therefore can be relied upon to produce a greater weight of crop per acre than any other variety. A distinct feature of the Autumn King is the peculiarly crumpled leaf, which not only adds to its appearance, but enables it to be distinguished anywhere .....

.10	.40	1.50
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**MAMMOTH ROCK RED.** This is the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid and of deep red color .....

.10	.35	1.25
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**STONE-MASON DRUMHEAD.** One of the very best for a main crop .....

.10	.35	1.25
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**ALL SEASONS' CABBAGE.** Early solid and sure headed .....

.10	.35	1.25
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**DANISH BALL HEAD.** An extremely hardy, imported cabbage, which is growing in popularity in America, having proven itself one of the very best winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and seller. It is medium to late, but is generally grown as a late crop. Heads are not extra large and without many outer leaves. It is the best cabbage to raise where it is sold by weight, as its solidity is not equalled by any other cabbage grown .....

Pkt.	Oz.	¼ lb.
.10	.40	1.50

**DANISH ROUND HEAD.** One of the best varieties of cabbage ever imported. Very similar to the Danish Ball Head, but of larger growth and embodies all its good qualities .....

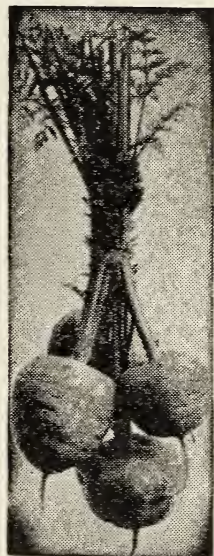
.10	.40	1.50
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## CARROTS

*One ounce to 100 feet of drill; 3 to 4 pounds to the acre.*

Carrots require a finely pulverized soil to grow them to perfection. A good, light, and well enriched sandy loam is the best for this crop. For field culture, sow in drills three to three and one-half feet apart so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart, and cultivate by hand. For early crops cover one-half inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

**EARLY FRENCH FORCING.** The earliest variety in cultivation, and the best suited for forcing and early market gardening. Tops,

*French Forcing Carrots*

small and divided. The roots are a reddish orange color and nearly round. When fully matured, they are about 2 inches in diameter ....

Pkt.	Oz.	¼ lb.	Lb.
.10	.25	.75	2.25

**DANVERS HALF LONG.** In form it is midway between the Long Orange and Ox Heart. The root is of a dark orange color and grows very smooth. Very productive .....

.10	.20	.60	1.65
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**LONG ORANGE.** Large roots, heavy cropper and excellent keeper ....

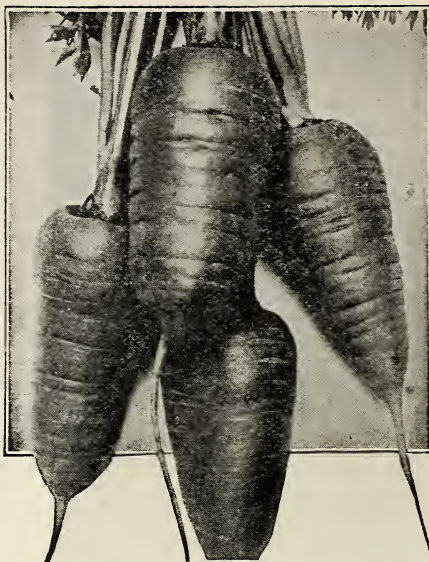
.10	.20	.50	1.50
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**NEW OX HEART.** A very early and heavy yielder. Thick and short in form, scarlet in color ....

.10	.20	.50	1.50
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**LONG WHITE BELGIAN.** Large, long rooted variety; valuable for feeding stock .....

.10	.20	.50	1.50
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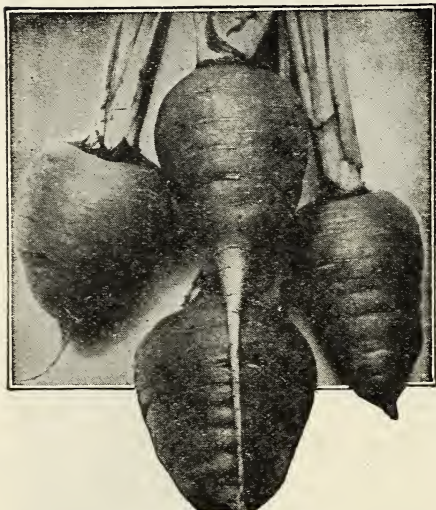


*Danvers Half Long Carrot*

## CAULIFLOWER

*One ounce will produce about 3000 plants.*

Any soil that will grow early Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well paid. The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.

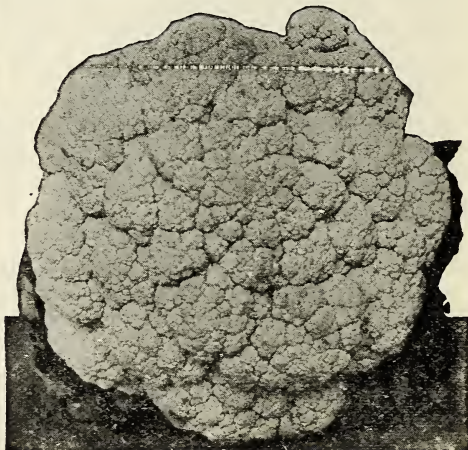


*Ox Heart Carrots*

**HENDERSON'S EARLY SNOWBALL.** Pkt. Oz.  
A very reliable early variety .15 2.50

**EARLY FAVORITE.** One of the best early varieties, very hardy, easily grown, and will head under conditions in which many sorts will fail. Heads, large, solid, crisp and tender .....

.10	1.50
-----	------



*Early Favorite Cauliflower*



## CELERY

*One ounce of seed produces about 4000 plants.*

To have celery early it should be sown in a hot-bed quite early in the spring, and when three inches high plant out in a well prepared bed, which must be covered in frosty weather. For the principal crop, sow early in the spring, very shallow in the seedbed, and when the plants are about six inches high transplant them about six inches apart into trenches, for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well rotted manure and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care that no earth falls in the center of the plants.



*Golden Self-Bleaching Celery*

**BOSTON MARKET.** A favorite variety, remarkable for its tender, crisp, succulent stems, keeps well ..... Pkt. Oz. .10 .50

**HENDERSON'S WHITE PLUME.** Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in bleaching ..... .10 .60

**PARIS GOLDEN SELF-BLEACHING.** A self-bleaching early golden colored variety that is very popular ..... .10 .75

**SOUP CELERY.** (Not for planting.) Used for flavoring soups, salads, pickles, etc. Oz.  $\frac{1}{4}$  lb. .10 .30

## CHERVIL

**CURLED.** A crisp curled variety.

This is an aromatic sweet herb that resembles parsley. Used Pkt. Oz. .10 .40  
for flavoring soups and salads ....



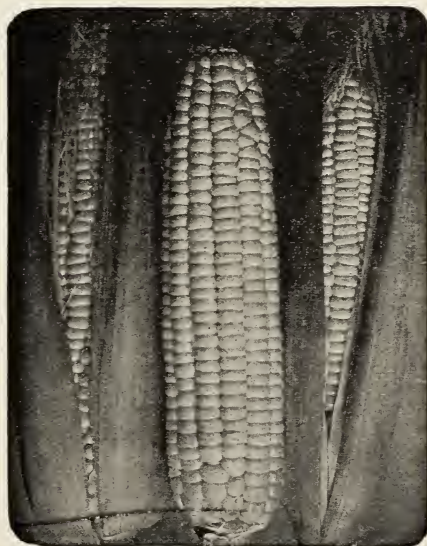
*Chervil*

## CORN—Sweet

*1 pound to 125 hills, 18 pounds to an acre.*

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before the middle of May and for a succession continue planting every two weeks, until July, in rich, well manured ground, in hills three feet apart each way, covering about half an inch and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

When ordering Corn sent by mail add eight cents per lb. to catalogue price for postage.



*Aroostook Early Sweet Corn*

All prices quoted in this catalogue subject to change without notice.





Golden Bantam Sweet Corn

AROOSTOOK EARLY. This is a very early variety of sweet corn that originated in Aroostook County, Maine, after many years of careful growth and selection. It is the only sweet corn known that will mature in that section owing to the short growing season. Stalks from 3½ to 4½ feet high, owing to the condition of the soil, with small white ears from five to six inches long, is of excellent quality ..... Pkt. 1lb. 2lbs. 12½lbs. .10 .40 .75 3.75

GOLDEN BANTAM SWEET CORN. This corn has a medium-sized ear of a bright golden color. It is extremely sweet, of delicious flavor and unusually tender. Stalks grow about five feet, are very vigorous, bearing two to three well-filled ears. It matures earlier than Early Crosby ..... .10 .35 .65 3.50

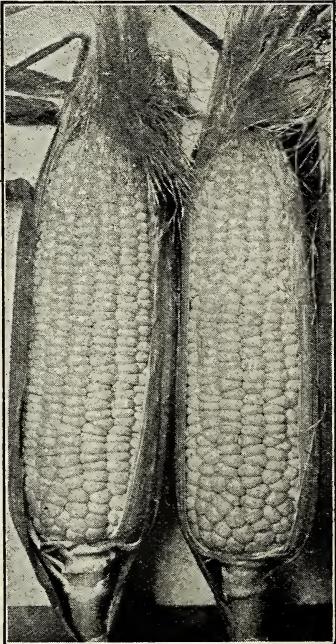
WHITE CORY. A very early dwarf variety, an excellent sort, sweet and good flavor ..... Pkt. 1lb. 2lbs. 12½lbs. .10 .30 .50 2.50

EARLY CROSBY. Not so early as the Cory or Aroostook Early, of very rich, sugary flavor ..... .10 .30 .50 2.50

LATE CROSBY. This resembles the Early Crosby. It has the same rich, sugary flavor. Ears large and well-filled. Kernels white. About one week later than the Early Crosby. One of the best medium late varieties ever introduced ..... .10 .30 .50 2.50

EARLY EVERGREEN. This is a late variety of sweet corn that will mature in this climate. It is very large and deep kerneled, with a sweet sugary flavor ..... .10 .30 .50 2.50

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Early Evergreen Sweet Corn. It is a late variety, ears large and of a rich golden yellow color ..... .10 .30 .50 2.50

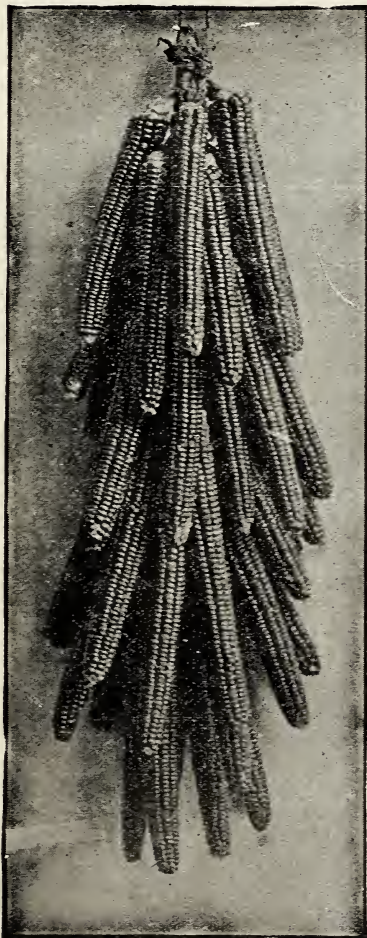


Late Crosby Sweet Corn

BLACK MEXICAN. Grain bluish black, but is especially rich in sugar qualities .....	Pkt. 1lb. 2lbs. 12½lbs.			
	.10	.30	.50	2.50
JEWEL BANTAM SWEET CORN. This corn is very similar to the Golden Bantam, of which it is a selection, and is identical in flavor and sweetness. The ears are larger and the stalks more vigorous. It matures about the same time as the Golden Bantam .....	.10	.35	.65	3.50
TOM THUMB POPCORN. A very old variety of dwarf popcorn. Stalks grow about two feet high. Very ornamental and excellent for popping .....	.10	.35	—	—

## CORN—Field and Ensilage

FIELD OR FLINT CORN, if ordered sent by Parcel Post extra money should be remitted to pay postage. See General Information concerning Parcel Post on page 2.



*Early Yellow Canada Corn*

### EXTRA EARLY YELLOW CANADA.

This is a very early eight-rowed variety, which we have secured after years of careful selection. Produces large, long, well-filled, golden ears; very prolific .....

1lb. 14lbs.  
.20 1.75

### SWEPESTAKES SEED CORN .....

See page 43

RED COB ENSILAGE. A pure white corn. It is sweet, tender and juicy, has short joints, grows to a great height with an abundance of leaves .....

Write for prices

EVERGREEN® SWEET FODDER. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment .....

Write for prices

EARLY WHITE SANFORD. A white flint variety, very valuable for ensilage and fodder, the stalks being very large and numerous. Particularly adapted to this climate as it ears well and, if planted early, will come to maturity .....

Write for prices

IMPROVED LEAMING. An early, yellow dent variety. Very productive. One of the best for ensilage or green fodder .....

Write for prices

SELECTED BEAUTY CORN. An excellent Silo variety, growing from 12 to 14 feet tall, maturing about 110 days from planting, very leafy stock and matures its ears. A very rich and profitable silage .....

Write for prices



## CRESS OR PEPPER GRASS

*One ounce will sow 100 feet of drill.*

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

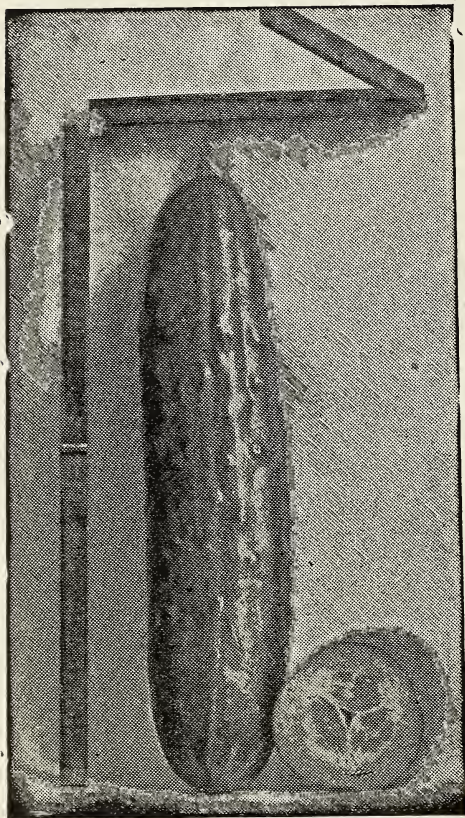
DOUBLE CURLED. Very fine; may be cut two or three times ..... Pkt. Oz. .10 .25

## CUCUMBER

*One ounce to fifty hills.*

The Cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction.

When all danger from insects is past, leave but three or four of the strongest plants in the hill.



*Japanese Climbing Cucumber*

### JAPANESE CLIMBING.

A distinct and valuable variety, quickly climbing poles or trellis, taking up less room in the garden and keeping the fruit up from the ground and clean. It produces very long, round, crisp fruit of fine flavor and is very prolific .....

Pkt.	Oz.	¼ lb.	Lb.
.10	.25	.75	2.00

### NICHOLS' MEDIUM

GREEN. This is a very fine table variety, and also good for early forcing. Color dark green; flesh very crisp; very prolific and always straight, smooth and handsome. It also makes a very desirable sort for pickles .....

.10	.20	.60	2.00
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### GIANT PERA. A very large variety of

exceptional quality with smooth, thin, light green skin. The flesh is unusually thick with very few seeds. They are crisp, brittle and of extremely mild flavor. They frequently grow from twelve to fifteen inches in length under good cultivation .....

.10	.20	.60	2.00
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EARLY RUSSIAN.	Pkt.	Oz.	¼ lb.	Lb.
The earliest variety .....	.10	.20	.50	1.50

IMPROVED WHITE SPINE. Superior for table use, very productive, medium sized, straight and well formed.

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.60	2.00

EARLY FRAME. An early standard variety about five inches long.

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.50	1.50

EARLY FORTUNE. The finest type of White Spine yet produced.

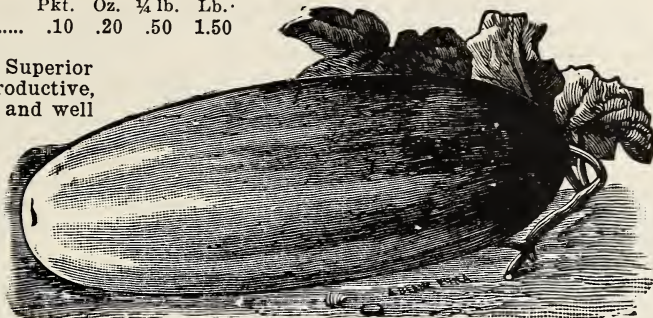
Early, very productive and disease-resistant, fruit long and slightly tapering; flesh white, very firm and crisp, with very few seeds .....

EARLY GREEN CLUSTER. Grows in clusters, early and productive .....

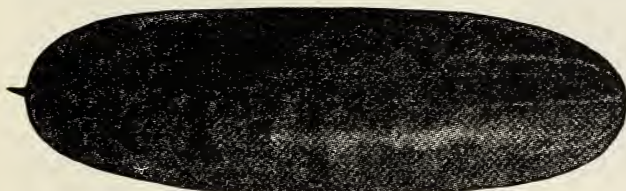
IMPROVED LONG GREEN. Long and crisp; a popular and reliable variety for pickles .....

BOSTON PICKLING. The finest variety to grow for pickles .....

Pkt.	Oz.	¼ lb.	Lb.
.10	.25	.75	2.25
.10	.20	.50	1.50
.10	.20	.60	1.75
.10	.20	.60	1.75



*Improved White Spine Cucumber*



*Davis Perfect Cucumber*

DAVIS PERFECT. New variety, considered to be one of the very best cucumbers ever introduced; heavy cropper, rich dark green color, medium long and slim, few seeds, tender, crisp and of fine flavor, vigorous and blight resisting sorts.

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.60	1.75

## DANDELION

One ounce to 100 feet of drill.

The Dandelion resembles Endive and affords one of the earliest, as well as one of the most healthful, of spring greens. Sow as early as the weather will permit, in good, well enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.

IMPROVED THICK-LEAVED. Best variety .....

Pkt.	Oz.	¼ lb.
.10	.85	3.00



*Green Curled Endive*



*Improved Thick-Leaved Dandelion*

## ENDIVE

One ounce to 150 feet of drill.

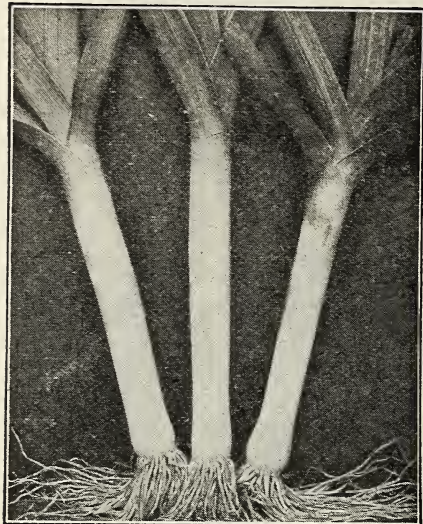
May be grown at any season, but is more generally used late in the fall. Sow during May or June, in drills fourteen inches apart, and when well estab-



lished, thin to one foot apart. When nearly full grown, tie the outer leaves together over the center in order to blanch the heart of the plant.

**GREEN CURLED.** This is the hardest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched, and become very crisp, tender and fine flavored ..... Pkt. Oz. .10 .25

**BROAD LEAVED BATAVIAN.** A variety having broad, more or less twisted and waved bright deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches to a beautiful deep creamy white and is crisp and tender. This sort is unsurpassed for salads and is much used for the home garden and market ..... .10 .25



*London Flag Leek*

## LEEK

*One ounce of seed will sow 100 feet of drill.*

Belongs to the onion family and by some preferred to that vegetable. Sow the seeds and care for the young plants same as for onions, but they need a little more room in order to develop fully. When the young plants are about the size of a goose-quill, transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

**LONDON FLAG.** It is the variety more cultivated in this country than any other. It is hardy and of good quality ..... Pkt. Oz. ¼ lb. .10 .30 .90

## LETTUCE

*One ounce to 120 feet of drill.*

Lettuce thrives best in rich, moist ground. Sow the seed in hotbeds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July.

Lettuce should always be transplanted in order to make it head well.

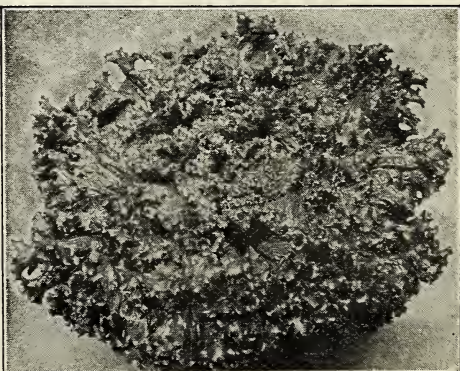
**DANVERS MARKET.** White seeded. A decided crisp oval-headed variety.

Leaves short with frilled edges. Very popular with the market gardener ..... Pkt. Oz. ¼ lb. .10 .25 .65

**EARLY TENNISBALL.** Black seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender ..... .10 .25 .65

**BOSTON CURLED.** A variety of great beauty and of superior quality. Leaves beautifully curled; attractive on table ..... .10 .25 .65

**GRAND RAPIDS.** Large and tender. Leaves are crumpled and do not make a solid head. Excellent for forcing ..... .10 .30 .75



*Grand Rapids Lettuce*



**IMPROVED HANSON.** Forms very large, firm heads, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled ..... Pkt. Oz.  $\frac{1}{4}$  lb. .10 .25 .65

**ICEBERG.** A large, late, crisp cabbage-heading variety; heads very firm, hard and well blanched; leaves unusually broad and quite blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality excellent ..... .10 .35 1.00

**NEW SENSATION.** This remarkable variety has rapidly grown in popularity until it has become the leader among gardeners. No other lettuce thrives so well when grown at any season of the year, withstanding the hottest weather in a remarkable degree. It is a beautiful, light, yellowish green color, leaves much blistered on the surface, and has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled and is one of the easiest to grow ..... .10 .30 .75



*White Paris Cos Lettuce*

**EARLY PRIZE HEAD.** Forms a large, tender and crisp mass of leaves of superior flavor and very hardy. Slow to run to seed and does not become bitter as early as many other sorts ..... .10 .25 .65

**BIG BOSTON.** This is a new, very large strain of White Tennisball or Boston Lettuce, excelling all other strains in size; of great value to market gardeners ..... .10 .25 .65

**WHITE PARIS Cos. (Romaine.)** Long, narrow, upright leaves. Grows to large size. Does not head, but when tied up blanches very readily ..... .10 .30 .75

**BLACK SEEDED SIMPSON.** Heads very large with light colored leaves; leaves being almost white and beautifully curled. Stands summer heat splendidly and remains long fit for use ..... .10 .25 .65

## MELON—Musk

*One ounce for 60 hills; 2 to 3 pounds to an acre.*

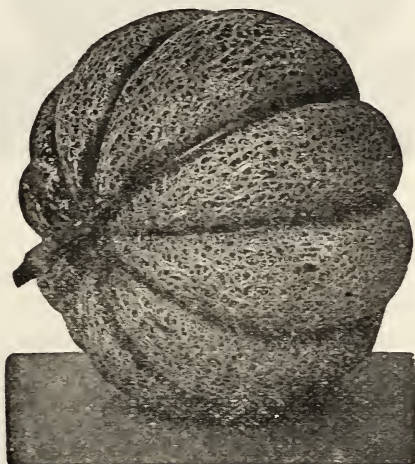
Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. After all danger of frost is past, plant 12 or 15 seeds in each hill, and when well up, thin out to three or four plants in each hill.

**NUTMEG.** Named from its shape; Pkt. Oz.  $\frac{1}{4}$  lb. flesh green and sweet ..... .10 .20 .60

**LARGE, ROUND, YELLOW CANTALOUPE.** Flesh reddish orange, sweet and of good flavor; an early and productive variety .... .10 .25 .70

**MILLER'S CREAM.** This is one of the finest all-round melons in existence. Flesh of a rich salmon color, very sweet and melting in quality ..... .10 .20 .60

**EXTRA EARLY HACKENSACK.** A green-fleshed nutmeg of splendid quality. It is very early and a prolific bearer ..... .10 .20 .60



*Muskmelon  
Extra Early Hackensack*

# MELON—Water

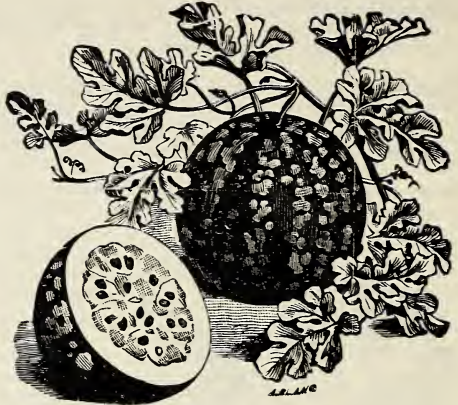
One ounce for thirty hills; four to five pounds for an acre.

Plant in hills eight feet apart, and cultivate same as Musk Melon.

VICK'S EARLY. Productive, early and finely flavored; red flesh ..... Pkt. Oz.  $\frac{1}{4}$  lb. .10 .20 .60

MOUNTAIN SWEET. One of the best for general culture ..... .10 .20 .60

CITRON. The standard variety for preserves ..... .10 .20 .60



Citron Preserving Melon

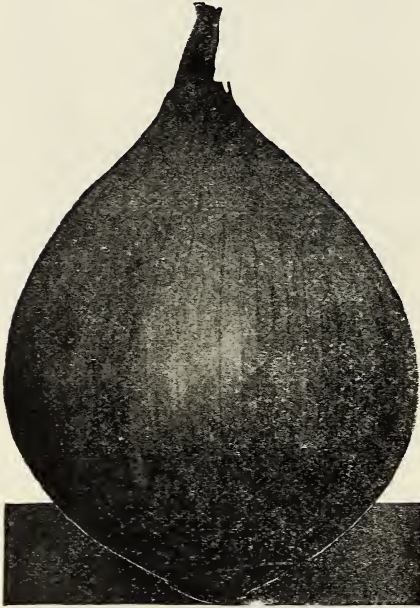
# MUSTARD

One ounce to 100 feet of drill.

Sow thickly in rows at different times from May to July, and cut when about two inches high. Used as a salad or cut and boiled for greens. The seed is used for flavoring pickles, etc.

WHITE LONDON. The leaves are light green, mild and tender when young; seed light yellow ..... Pkt. Oz.  $\frac{1}{4}$  lb. .10 .20 .60

MUSTARD SEED for pickling ..... — .10 .20

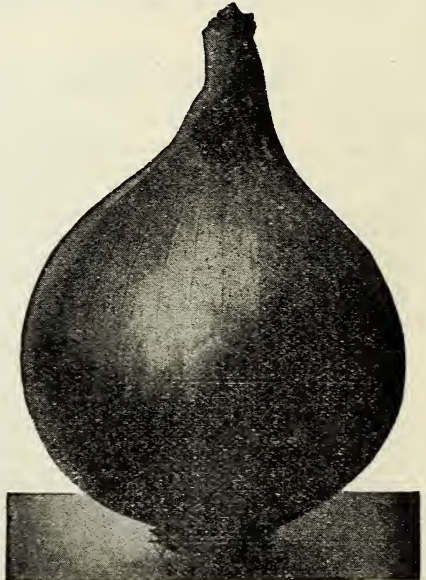


Extra Early Red Globe

# ONION

One ounce to 100 feet of drill; five pounds to acre.

No vegetable is more extensively known and cultivated than the Onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling, after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.



Yellow Globe Danvers



	Pkt.	Oz.	¼ lb.
LARGE RED WETHERSFIELD. Large size, productive and good keeper .....	.10	.40	1.25
EXTRA EARLY RED GLOBE. A very early variety of medium size and deep red color; an abundant producer and of good form and flavor, keeping well .....	.10	.40	1.25
YELLOW GLOBE DANVERS. The most profitable variety to raise, very productive, a good keeper, of mild flavor, and always meets with ready sale .....	.10	.40	1.25
AMERICAN SILVER SKIN. Flavor mild and pleasant. Skin silver white. Handsome in appearance. Highly esteemed for pickling when young, also for market in early winter .....	.10	.50	1.50
PRIZE TAKER. This is one of the best of the huge foreign varieties. When started under glass and transplanted into open ground, they bottom well, are nearly free from stiff neck, and when offered for sale always attract marked attention. The variety is without doubt the largest onion grown, samples under special culture sometimes weighing five pounds .....	.10	.40	1.25
YELLOW GLOBE DANVERS — <i>Extra Choice</i> . Maine Grown Seed. Is far superior to the western grown seed, it is much earlier and better adapted to our climate. Is sure to produce a good crop. The most profitable variety for the market gardener .....	.10	.50	1.50



Onion Sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop.

Onion Sets by mail 8 cents a pound extra for postage.

	Per lb.	Per 8 lbs.
WHITE SETS .....	.35	2.00
POTATO ONION SETS .....	.35	2.00
YELLOW SETS .....	.30	1.75
JAPANESE SETS .....	.35	2.00

For larger quantities prices will be given on application.

## PARSLEY

One ounce to 150 feet of drill.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart, and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use, protect it in a glass frame or light cellar.

	Pkt.	Oz.	¼ lb.
DOUBLE CURLED .....	.10	.25	.65

## PARSNIP

One ounce for 250 ft. of drill; 5 lbs. to acre.

Sow as early in the spring as the weather will admit, in drills 15 inches apart, covering half an inch deep; when well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.



Abbott's Improved  
Parsnip



Double Curled Parsley

## PARSNIP

ABBOTT'S IMPROVED, OR LONG SMOOTH. Smooth and quite large; Pkt. Oz.  $\frac{1}{4}$  lb. Lb.  
one of the best ..... .10 .20 .60 1.75

IMPROVED HOLLOW CROWN. Roots medium length with small tap  
root. Very smooth, with clear white skin. Fine grain flesh,  
of excellent sugary flavor and heavy cropper ..... .10 .20 .60 1.75

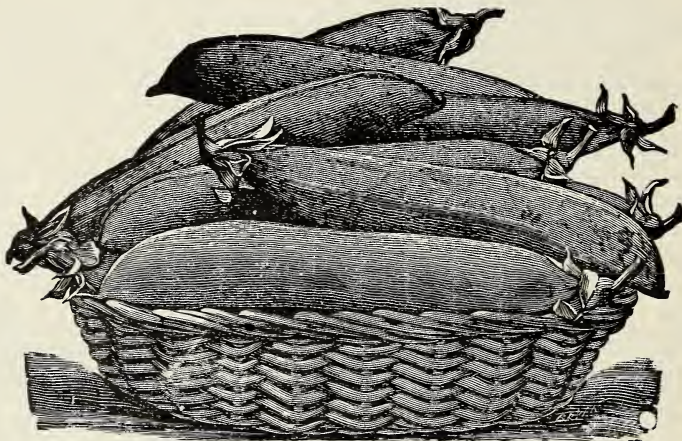
## PEAS

Two pounds to 80  
feet of drill; 100  
pounds to the acre.

Peas for an early  
crop should be sown  
as soon as the  
ground is in work-  
ing condition. The  
soil for their recep-  
tion should be light,  
dry, and well shel-  
tered. Mild manure,  
such as leaf mould,  
has a beneficial ef-  
fect; but for many  
of the varieties, the  
soil cannot be too  
rich. For general  
crop the ground

should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

When ordering Peas sent by mail add eight cents per pound to catalogue price for postage. See Parcel Post instructions, Page 2.



Early Morn Peas

## EXTRA EARLY VARIETIES

EARLY BIRD. A new variety, seed crinkled or semi-round, 57 days from  
planting to table. Grows about 15 inches high; large, dark, well-  
filled pods ..... 1lb. 2lbs. 14lbs.  
..... .35 .60 3.50

WORLD'S RECORD. (New.) A popular large-podded, extra early wrinkled  
pea which matures a little earlier than the well-known Gradus. Its  
growth is very similar to that of Gradus, but somewhat more dwarfed  
and stouter; pods uniformly large, measuring from  $4\frac{1}{2}$  to 5 inches,  
nearly round and packed with extra large, handsome peas of the  
finest flavor ..... .35 .60 3.50

EARLY MORN. (New.) This pea is a new variety, very similar in growth  
to Gradus, but a trifle earlier than either Gradus or Thomas Laxton.  
Very large pods of fine appearance and a good cropper. Excellent  
market garden variety for early use. Peas large and of excellent  
quality. It grows about three feet high and is very prolific ..... .35 .60 3.50

LAXTONIAN. (New.) One of the best dwarf wrinkled peas ever intro-  
duced. Equally desirable for the home or market garden. Pods about  
four inches long, resembling those of Gradus, but a little earlier.  
Vines very productive and vigorous; average height about 18 inches ..... .35 .60 3.50



**SUTTON'S EXCELSIOR.** A dwarf, early wrinkled variety, height about 15 inches; pods large and well filled; a very heavy yielder and of delicious flavor. In habit and growth it resembles the Nott's Excelsior, but is more prolific, and has larger pods. This is without doubt the best early, dwarf pea on the market ....

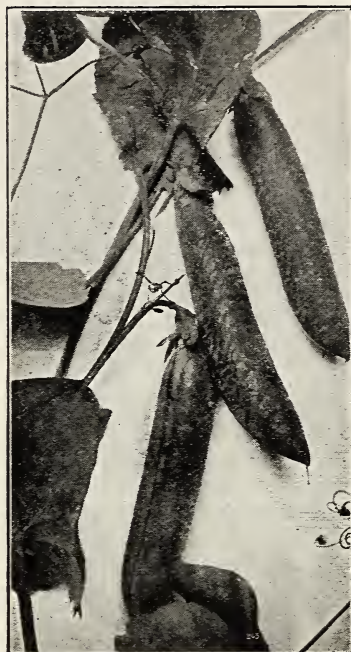
1lb.	2lbs.	14lbs.
.35	.60	3.50

**GRADUS OR PROSPERITY.** A new, very large, extra early variety of wrinkled pea. The most desirable sort for home and early market garden, large-podded and of splendid quality. The vines grow about three feet high, and are vigorous and hardy. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other extra early varieties. The peas are very large, of splendid quality and beautiful color .....

.35	.60	3.50
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**PETER PAN.** One of the best of the early large podded, dwarf variety, 15 in. high. Very productive

.35	.60	3.50
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*Laxtonian Peas*

**THOMAS LAXTON.** A new, early wrinkled variety of great merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, hardier and more productive. Pods large and long, similar to, but larger than those of the Champion of England, and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. This pea has only to be known to become one of the most popular sort for the market and home garden, as it is one of the very best varieties yet produced .....

1lb.	2lbs.	14lbs.
.35	.60	3.50

**NOTT'S EXCELSIOR.** One of the most valuable of all the wrinkled, dwarf peas. As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows a half taller than the American Wonder, and is a much heavier cropper .....

.35	.60	3.50
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*Nott's Excelsior Peas*

BLISS' AMERICAN WONDER. One of the earliest and best known wrinkled, dwarf varieties, grows about nine inches high, and is covered with well filled pods ..... 1lb. 2lbs. 14lbs. .35 .60 3.50

## SECOND EARLY VARIETIES

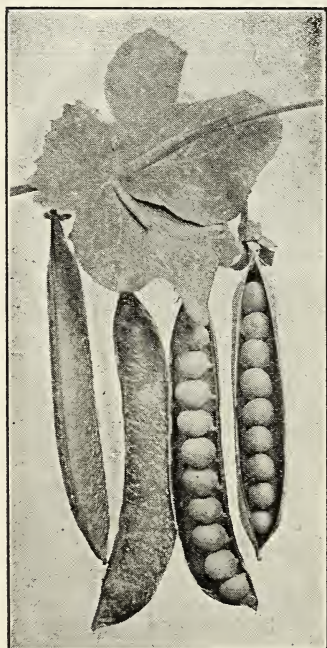
DWARF TELEPHONE. A new variety with dwarf vines, bearing large, handsome pods, with peas of highest quality, without the long vines of the Telephone and regular and uniform in growth. Height eighteen inches, stocky, healthy and vigorous, with almost no tendency to sport, and from five to seven days earlier than the Stratagem. Pods long, remarkably well filled, and of good lasting quality for market purposes. Peas of large size, tender and of delicious flavor ..... .35 .60 3.50

BLISS' EVERBEARING. Fine wrinkled marrow; pods three to four inches long, well filled with large peas; grows about two feet high ..... .35 .60 3.50

## FOR GENERAL CROP

IMPROVED TELEPHONE. A great improvement on the Carter's Telephone, both for purity and uniformity, showing no tendency to small late pods. It grows to a height of about four feet with a strong, healthy vine, bearing extremely large dark green pods, which contain large peas of the very finest quality. For fancy market garden trade, it has no equal as it is not only very attractive in appearance, but of the finest quality ..... .35 .60 3.50

ADMIRAL DEWEY. A new variety, and is, without exception, the largest podded and best yielding pea yet introduced. The pods sometimes measure six inches and are very plump and well filled with eleven to twelve very tender, large peas of excellent flavor. The foliage, vine and pod are of a dark, rich green; and are remarkably vigorous and healthy; height about three and one-half feet ..... .35 .60 3.50



INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

Mulford Cultures are vigorous growths of living, nitrogen-fixing bacteria. Their use, at the low price at which they are sold, affords the cheapest means of storing up nitrates in the soil. A comparative study of crop costs will demonstrate that the method of inoculating soils with Mulford Cultures is the most economical way of increasing the nitrogenous plant food.

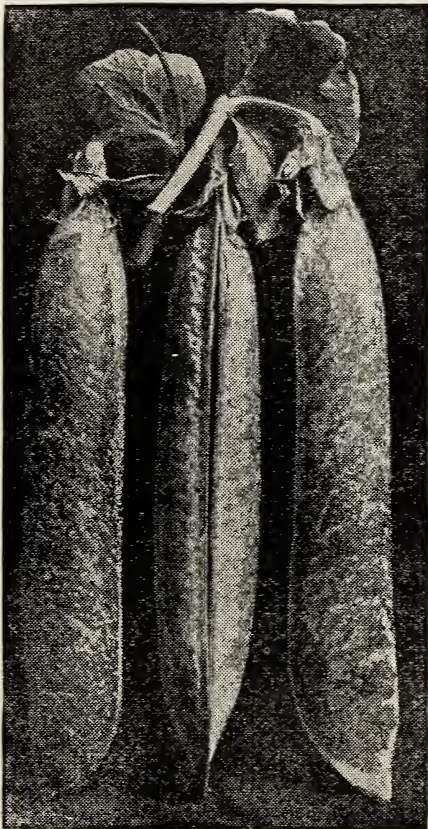
For Peas and Beans

*Admiral Dewey Peas*

1 Bu. Size—.60 Garden Size—.35 Postpaid

All prices quoted in this catalogue subject to change without notice



*Duke of Albany Peas*

ALDERMAN. One of the most satisfactory varieties for main crop. Pods long and well filled with large, deep green peas of fine quality

	1lb.	2lbs.	14lbs.
	.35	.60	3.50

DUKE OF ALBANY, OR AMERICAN CHAMPION. One of the best large podded late varieties. Very prolific. The vines are strong and vigorous, growing to the height of four feet, the pods are large, dark green and well filled with large, tender peas of delicious flavor

	.35	.60	3.50
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CHAMPION OF ENGLAND. Universally admitted to be one of the richest and best flavored peas grown; grows five feet high

	.35	.60	3.50
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DWARF CHAMPION. Has all the good qualities of the Champion of England, but does not grow so high; grows about two and one-half feet high

	.35	.60	3.50
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#### EDIBLE PODDED VARIETIES

MAMMOTH MELTING SUGAR. (Edible Pods). Pods very large, broad and slightly curved, or twisted. Very sweet, brittle and tender, having none of the tough inner lining found in the ordinary varieties of garden peas. They are used same as snap or string beans. Height about four feet

	.35	.60	3.50
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#### FIELD VARIETIES

WHITE MARROWFAT. One of the best late varieties; very productive

	11b.	15lbs.	100lbs.
	.20	2.50	15.00

BLACK-EYED MARROWFAT. Excellent, hardy, productive field pea

	.20	2.50	15.00
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CANADA FIELD. Extensively used for field culture

	.10	1.40	8.00
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#### PEPPER

*One ounce will produce 1500 plants.*

Grown largely for pickles. Sow in the hot-bed early in April, and transplant into the open ground when the weather is favorable.

*Bell Pepper*

The plants should be set in warm, mellow soil, in rows eighteen inches apart. The seed may also be sown in the open ground, when danger from frost is past, and the soil is dry and warm. Cultivate in the usual manner and the crop will be fit for use early in September.

	Pkt.	Oz.
LARGE BELL. Large and of mild flavor .....	.10	.60

SEED POTATOES

Prices on Seed Potatoes quoted on application.



Harmony Beauty Potato

Irish Cobbler is one of the best of all early potatoes ..... Write for prices

IRISH COBBLER. We have found this potato to be one of the most reliable, extra early potatoes. In ripening it seems to be more uniform than any other sort. Every hill seems to ripen at the same time. The potatoes in form are oval and round. They grow very smooth, cream white, with few and shallow eyes. The quality for early table use is not excelled by any early variety. It keeps perfectly through the winter until planting time in the spring and it is never out of season for the table. Considering its earliness, yield, fine quality and handsome appearance, Irish Cobl-

HARMONY BEAUTY. This potato originated from the seed of a potato ball in Somerset County, Maine. It is the favorite market potato of Bangor, having the preference over all other varieties wherever once used, and conceded by growers and consumers to be the best potato grown. It always brings a better price than any other in our market. It is a prolific cropper and remarkably free from rot, and about two weeks earlier than the Early Rose. In appearance it has a russet pinkish skin, a little lighter in color than the Early Rose, and is of more oval shape. Flesh white and mealy ..... Write for prices

GREEN MOUNTAIN. A late variety of flat, oval form; white-skinned, very smooth and handsome. One of the best yielders, free from blight and rot, keeps well, and is never out of season for the table ..... Write for prices

GOLD COIN. A very hardy, all-around general crop potato. White-skinned with slight russety appearance, flesh white and mealy. In form it is very regular, of a round, oval shape. As a table potato it cannot be excelled. Its yielding qualities are exceptionally large, being one of the heaviest croppers we have ever grown. We consider this potato to be the best all-around potato for general crop in cultivation ..... Write for prices



## EGGPLANT

*One ounce will produce about 1000 plants.*

It will grow well in any good garden soil. Sow early in March in hotbeds, and when 2 or 3 inches high, transplant to pots or beds—2 ft. apart in the rows, and 3 ft. between rows. Eggplants are very tender and will not stand frost.

NEW YORK IMPROVED LARGE PURPLE. A leading market variety. The fruit Pkt. Oz.  
is large, dark purple and of fine quality. It is an excellent keeper ..... .10 .65



*Connecticut Field Pumpkin*

grown to weigh 250 pounds and reaching two feet or more in diameter; fruit round and flattened, slightly ribbed; skin salmon-orange, flesh bright yellow and very thick ..... .10 .20 .50 1.50

## PUMPKIN

*One pound will plant two hundred and fifty hills.*

Chiefly used for agricultural purposes. Same cultivation as for cucumbers and melons.

CONNECTICUT FIELD.

Large size, good for	Pkt.	Oz.	¼ lb.	Lb.
cooking .....	.10	.20	.50	1.30

SUGAR OR NEW ENGLAND PIE. Fine-grained, sweet and prolific .....

.10	.20	.50	1.50
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KING OF THE MAMMOTHS. The giant among pumpkins; specimens have been

.10	.20	.50	1.50
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## RADISH

*One ounce to one hundred feet of drill.*

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September at intervals of two or three weeks. For an early supply they may be sown in a hotbed in February.



*Crimson Giant Radish*

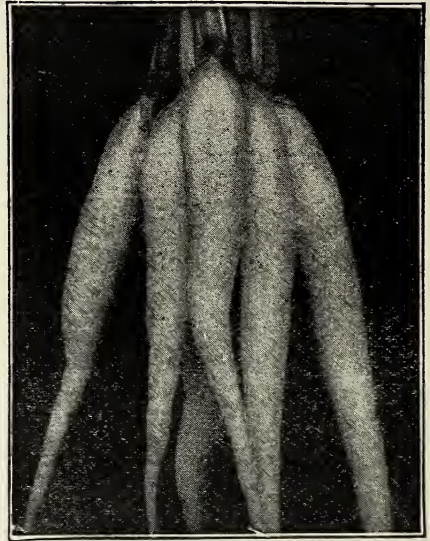
WHITE PEARL RADISH. Seventeen days from planting to the table.

The quickest on record. Pearly white, globe shaped, small top; quality unparalleled; very sweet, tender and crisp. Equally adapted for forcing or growing out of doors .....	Pkt.	Oz.	¼ lb.	Lb.
	.10	.25	.75	2.25

CRIMSON GIANT RADISH. Rich crimson color, flesh white and solid, and of a mild and delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing ..... .10 .20 .50 1.50

**LADY FINGER.** Long, slender, and of a beautiful snow white. It is of rapid growth, remarkably crisp, brittle and tender. Quality desirable for the market or home garden .....

	Pkt.	Oz.	¼ lb.	Lb.
garden .....	.10	.20	.50	1.50



*Lady Finger Radish*

**VICK'S EARLY SCARLET GLOBE RADISH.** This is a slightly olive-shaped variety of a rich, bright scarlet color, with white, tender flesh. It is fit to pull as early as any known variety and is especially recommended to market gardeners, whose market demands a large, first, early forcing variety .....

	Pkt.	Oz.	¼ lb.	Lb.
forcing variety .....	.10	.20	.50	1.50

	Pkt.	Oz.	¼ lb.	Lb.
<b>EARLY SCARLET TURNIP.</b> Round, scarlet, small, mild and crisp .....	.10	.20	.50	1.50

<b>ICICLE.</b> Pure white, quick-growing variety .....	.10	.20	.50	1.50
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**ROUND BLACK SPANISH.** Round or top-shaped; grows 3 or 4 inches in diameter; skin black, flesh white. Where a round black radish is in demand this is the most desirable variety to grow. A good winter keeper .....

	Pkt.	Oz.	¼ lb.	Lb.
to grow. A good winter keeper .....	.10	.20	.50	1.50

**FRENCH BREAKFAST.** A favorite oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing .....

	Pkt.	Oz.	¼ lb.	Lb.
either open ground or forcing .....	.10	.20	.50	1.50

## SALSIFY OR VEGETABLE OYSTER

*One ounce will sow fifty feet of drill.*

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

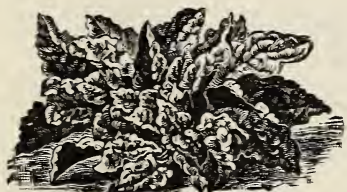


*Salsify*

**MAMMOTH SANDWICH ISLAND.** Tender and delicious, very superior .....

	Pkt.	Oz.	¼ lb.	Lb.
very superior .....	.10	.30	1.00	





Long Standing Spinach

## SPINACH

*One ounce to 100 feet of drill.*

Sow in early spring, in drills a foot apart, every two weeks for a succession; and as it grows, thin out for use. For fall use, sow in August, and for winter crop in September.

Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

**VICTORIA.** A new variety with very thick, dark green leaves, which spread out flat on the ground. It is a long-standing variety and very hardy ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

.10 .20 .45 1.00

**LARGE NEW ROUND THICK-LEAVED.** Has very large and thick leaves ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

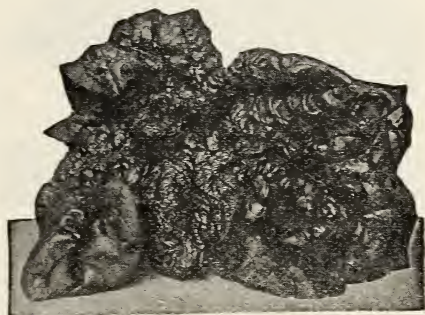
.10 .15 .30 .75

**LONG STANDING.** An improved round-seeded strain of excellent merit, having all the good qualities of the ordinary sorts, and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

.10 .15 .30 .75

**BLOOMSDALE OR SAVOY LEAVED.** Has thick, glossy, dark green leaves of medium size. It is very early and is especially recommended for either the home garden or market gardeners ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

.10 .15 .30 .75



Bloomsdale Spinach

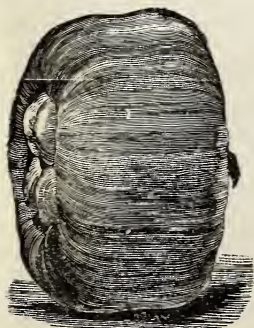
**NEW ZEALAND.** This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. Has a luxuriant growth of succulent leaves which can be cut through the entire summer ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

.10 .20 .50 1.75

## SQUASH

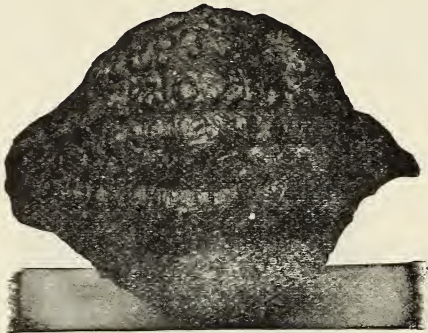
*One ounce of summer varieties will sow forty hills; one ounce of winter varieties will sow fifteen hills; four pounds per acre.*

Any good, rich soil is adapted to the growth of the Squash. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart, for running sorts, ten feet. Leave two plants to a hill and keep covered in the early stages with plaster.



Turban Squash

	Pkt.	Oz.	¼ lb.	Lb.
GIANT SUMMER CROOKNECK. Early, productive and of good quality; fruit bright yellow .....	.10	.20	.60	1.75
WHITE BUSH SCALLOPED. An early flat, scalloped shaped variety; very productive .....	.10	.20	.60	1.75
HUBBARD. One of the most desirable varieties in cultivation; color, dark green; flesh, bright orange-yellow; fine-grained, very dry, sweet and rich-flavored; keeps perfectly good throughout the winter .....	.10	.20	.60	1.75
GOLDEN HUBBARD. One of the best for the home garden; the fruit is of the same shape as the Green Hubbard, but a little smaller in size. They are earlier in season, but keep in fine condition through the winter. The skin is bright deep orange-yellow, very attractive in appearance. Flesh a deep, golden yellow, fine-grained, cooks very dry and has a rich flavor .....	.10	.20	.60	1.75



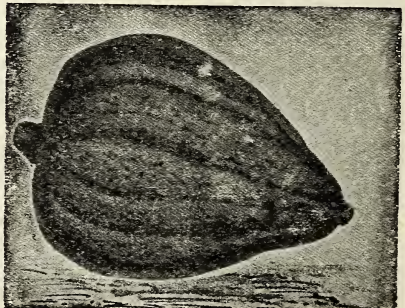
Warty Hubbard Squash

BLUE HUBBARD. A sport from the well-known Hubbard, though resembling the Warty Hubbard, and excelling it in flavor and dryness. The fruit is gray-blue in color, grows very large, and is an exceedingly heavy cropper, being even more productive than any other strain of Hubbard. The shell is extremely hard and is an exceptionally good keeper. The meat is thick, fine-grained, dry and very sweet .....	.10	.25	.75	2.25
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WARTED HUBBARD. An improvement over the old-fashioned Hubbard, same shape, large size, dark green, almost black, distinguished by a dense covering of knots which justifies the name of "warted." Very thick flesh, first-class quality, and a good keeper .....	.10	.25	.75	2.00
AMERICAN TURBAN. Early fall variety; orange-yellow flesh of good flavor .....	.10	.25	.75	2.00
MAMMOTH CHILL. Grown for exhibition and stock feeding; specimens have been grown to weigh upwards of 150 pounds; fruit oblong, skin quite smooth but with broad open netting and rich orange-yellow color .....	.10	.20	.60	1.75
BOSTON MARROW. A fall and winter variety; very popular in the Boston market; of oval form; skin thin; when ripe, bright orange; an excellent keeper and of superior quality .....	.10	.20	.60	1.75
EARLY PROLIFIC MARROW. Earlier than the Boston Marrow. Very productive and grows to weigh from seven to twenty pounds. Its color is most attractive, a brilliant orange-red. Quality excellent when mature, and a good keeper.	Pkt.	Oz.	¼ lb.	Lb.
	.10	.20	.60	1.75

DELICIOUS. A new variety of winter squash. Color of skin is green, with an occasional blue specimen. About the same size as the Hubbard. Flesh very thick and of a dark orange color, very fine grain, exceedingly rich and of elegant flavor. Can be used for fall or winter use, does not acquire its best qualities until winter. It is without question the sweetest and richest flavored squash grown.

Pkt.	Oz.	¼ lb.	Lb.
.10	.20	.60	1.75



Delicious Squash



## SUNFLOWER

	Pkt.	Oz.	Lb.
LARGE RUSSIAN .....	.10	.15	.25

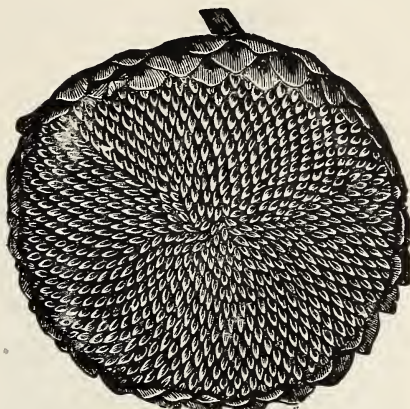
Prices on Sunflower in larger quantities quoted on application.

## TOBACCO SEED

### CONNECTICUT SEED LEAF.

Best adapted to the climate of the northern states, as it is more hardy and endures the cold better than the tender varieties

	Pkt.	Oz.	¼ lb.
grown south .....	.10	.35	1.25



*Large Russian Sunflower*

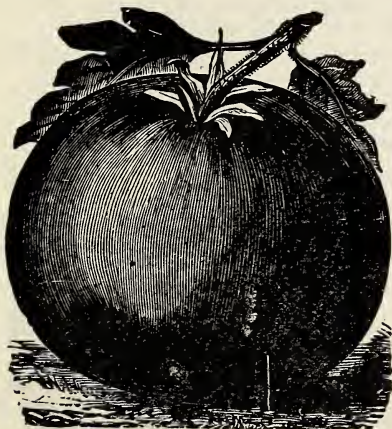
## TOMATO

*One ounce will produce fifteen hundred plants.* This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hotbed; or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart, each way, using a shovelful of rotted manure in each hill. Keep well sheltered and watered until they are established, after which let the fruit have plenty of sun.

**SPARKS' EARLIANA.** A new variety and the earliest large tomato yet introduced. It is of handsome shape and beautiful red color. The flesh is very firm and solid and of excellent quality. A good cropper, making it one of the best for the market and home garden .....

Pkt.	Oz.	¼ lb.
.10	.40	1.25

**CHALK'S EARLY JEWEL.** An exceptionally fine early variety, about ten days later than Earliana. Fruit smooth, round and solid. A bright



*Sparks' Earliana Tomato*

scarlet in color. Excellent for both the market and home .....

.10	.40	1.25
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**LIVINGSTON'S BEAUTY.** Color very glossy crimson; grows in clusters of four or five fruits; large and solid .....

.10	.40	1.25
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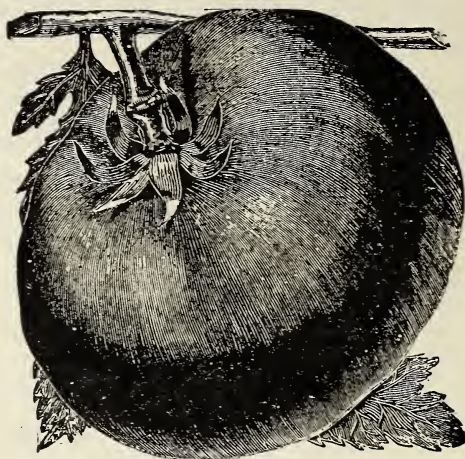
**JOHN BAER.** An early, productive tomato. On the order of Chalk's

Early Jewel. Large, nearly round, clear red .....

.10	.50	1.50
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*Bonny Best Tomato*



*Crimson Cushion Tomato*

**BONNY BEST.** An extra early Tomato of a vigorous growth, and very prolific. Fruit of uniform size, solid, smooth, fine flavor and a bright scarlet color. One of the very best extra early varieties ..... 1 kt. Oz. ¼ lb. .10 .40 1.25

**CRIMSON CUSHION.** For so large a tomato it is very early, very smooth, of a bright, scarlet crimson. Ripens almost completely to the stem end. The flesh is so firm and solid that it requires four times the quantity to produce a pound of seed that it does of ordinary sorts. Without doubt the most prolific of any variety yet brought out. A grand tomato for slicing or canning ..... .10 .50 1.50

**PONDEROSA.** A very large variety, purple in color. Considered to be one of the best for home use. Fruit very solid with few seeds, and of excellent flavor ..... .10 .50 1.50

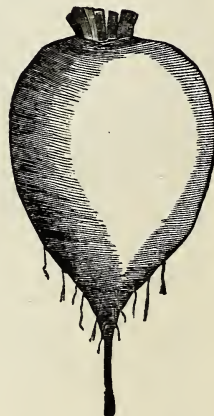
**DWARF CHAMPION.** This is an early variety, which forms very stout, strong plants, about two feet high. The branches are short, making a bushy plant that stands quite erect, without stakes. Fruit smooth, medium sized, fairly solid, but has no hard core, and is of good flavor .... .10 .40 1.25

**NEW STONE.** Of a bright, scarlet color. Very large and very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed (as its name indicates); is an excellent shipper; quality the very best; a good keeper; without hard core and not subject to rot. A great yielder ..... A Pkt. Oz. ¼ lb. .10 .40 1.25

## TURNIP

*One ounce to 150 ft. of drill; one to two lbs. in drills for an acre.*

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. For a continuous supply through the season, sowing should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for the fall and winter use. Swedish or Ruta Bega Turnips are largely grown for a farm crop as well as for the table; make sowings from the tenth of June until the first of July, in drills two to three feet apart, and the plants when well up should be thinned to ten inches apart. To keep the roots fresh during the winter they may be placed in a cool, dry cellar, buried in dry sand.



*White Egg Turnip*





*Purple Top Strap Leaf  
Turnip*

GOLDEN BALL OR ORANGE JELLY. A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.  
.10 .15 .40 1.25

PURPLE TOP STRAP LEAF. Best variety for main crop; equally good for spring or fall sowings; white flesh .10 .15 .40 1.25

WHITE EGG. Oval, early, handsome and sweet ..... .10 .15 .40 1.25

COW HORN. This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing about half out of the ground. An exceptional heavy yielder of very rapid growth and is very popular for field culture for feeding stock. As a table variety,

it has a very delicate flavor, but should be used before it gets to extreme large growth .10 .15 .40 1.25

## RUTA BAGA OR SWEDE

### TURNIP

#### CARTER'S IMPERIAL SWEDE.

A most excellent sort for either table use or feeding stock. Flesh yellow, solid, sweet and rich. Purple top, hardy and heavy yielder ..... Pkt. Oz.  $\frac{1}{4}$  lb. Lb.  
.10 .15 .40 1.00

AMERICAN PURPLE TOP. Flesh solid, yellow, sweet, and of fine flavor. Excellent keeper for winter use ..... .10 .15 .40 1.00

SKIRVING'S PURPLE TOP. A very popular variety. Large, yellow, firm flesh, sweet, and a good keeper ..... .10 .15 .40 1.00



*Carter's Imperial Swede  
Ruta Baga*

## HERB SEEDS



*Sage*

Pkt.  
Balm ..... .10  
Dill ..... .10  
Sage ..... .10



*Sweet Marjoram*

Pkt.  
Summer  
Savory..... .10  
Sweet  
Marjoram .10



*Summer Savory*

## FLOWER SEEDS

### NASTURTIIUM—Tall

Elegant, profuse flowering plants for verandas, trellises, etc. The seed pods can be gathered, while green and tender, for pickling. Hardy annuals.



*Dwarf Nasturtium*

TALL MIXED. Fine colors. Very choice mixture.

Pkt. .10, oz. .20, 2 oz. .30, ¼ lb. .50, lb. \$1.50

### NASTURTIIUM—Dwarf

The dwarf varieties are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annuals, one foot.

DWARF, Mixed. Fine colors. Very choice mixture.

Pkt. .10, oz. .20, 2 oz. .30, ¼ lb. .50, lb. \$1.50

## SWEET PEAS

Very lovely, beautiful, fragrant, free blooming, climbing plants. Sweet peas are grown very extensively by florists and gardeners for cut flowers, and when placed in water will last many days, and their sweet perfume delights many.

Supported by common pea sticks, they form admirable screens for protecting tender plants and excluding unsightly objects. They are invaluable for trailing and trellis work and covering fences, etc.

The more the flowers are cut the more freely they will bloom.

### GRANDIFLORA VARIETIES

BLANCH FERRY. A large variety with pink standard and wings white suffused with pale pink .....	Pkt. .10	Oz. .15
DOROTHY ECKFORD. Pure white, large flowered, very fine .....	.10	.15
KING EDWARD VII. A bright crimson scarlet, large size .....	.10	.15
LADY GRISEL HAMILTON. The largest and lightest shade of the lavender varieties, very fine .....	.10	.15
LORD NELSON. Deep rich dark navy blue, large flowers .....	.10	.15
PRIMA DONNA. Clear, soft pink, large size .....	.10	.15

### DUNNING'S CHOICE MIXTURE

#### Grandiflora Varieties Sweet Peas

This mixture is made up of the choice new and standard varieties. The flowers being of the largest types and so combined as to give the most pleasing harmony of colors.

Price per pkt., 10 cts.; per oz., 15 cts.; per ¼ lb., 40 cts.; per lb., \$1.25

All prices quoted in this catalogue subject to change without notice.





## SPENCER VARIETIES

## SWEET PEAS

ASTA O'H.N. Lavender, tinted mauve, very large and wavy .....	Pkt. .10	Oz. .25
CLARA CURTIS. Very large, wavy; cream or light primrose .....	.10	.25
CONSTANCE OLIVER. Stan- dard peach-blossom pink, wings bright rose; flowers very large, much waved .....	.10	.25
COUNTESS SPENCER. Large, rose pink. A beautiful waved variety .....	.10	.25
ELFRIDA PEARSON. Extra large, waved blush pink .....	.10	.25
GEORGE HEBERT. Very large; waved; carmine-rose .....	.10	.25
KING EDWARD SPENCER. Most beautiful and rich- est of all the red shades. Large, beautiful waved flower of a bright crim- son .....	.10	.25

MARGARET MADISON. Standard blush-violet, wings lavender-blue; flowers large and waved .....	.10	.25
NUBIAN. Deep maroon; flowers large and waved .....	.10	.25
THOMAS STEVENSON. Rich orange scarlet; very large waved flowers .....	.10	.25
WHITE SPENCER. Very large, pure white flowers, waved and fragrant .....	.10	.25



## DUNNING'S SUPERIOR MIXTURE

## Spencer Varieties Sweet Peas

This mixture contains the very best varieties of *Spencer Sweet Peas*. The colors are selected from true Spencer Types only, and vary from the most delicate colors to the dark, rich shades. This mixture cannot fail to give perfect satisfaction.

Price per pkt., 10 cts.; per oz., 25 cts.; per  $\frac{1}{4}$  lb., 75 cts.; per lb., \$2.50

## FLOWER SEEDS

For best results, flowering plants should be grown in a rich, sandy loam. Do not cover too deeply. A general rule is to cover from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch, but for the very fine seeds, the best results are obtained by merely pressing them into the earth, and sprinkling them lightly with loose earth to prevent seed drying up. In dry weather, they should be sprinkled frequently.

*All Flower Seeds sent Postpaid on receipt of price.*

## ANNUALS

	Per Pkt.
ASTERS—QUEEN OF THE MARKET. Very early, many beautiful colors mixed .....	.10
GIANT COMET. These make grand display, flowers beautifully twisted and curled.	
Mixed .....	.10
CREGO. Comet type, long, curled petals, very fluffy. Mixed .....	.10
Crimson .....	.10
Lavender .....	.10
Pink .....	.10
White .....	.10
ALYSSUM. Sweet scented, white flowers .....	.10
BACHELOR'S BUTTON. A showy, hardy annual. Finest mixed .....	.10
BALSAM (Mixed). Most magnificent, $1\frac{1}{2}$ to 2 ft. high .....	.10
CALENDULA. (Pot Marigold). Mixed .....	.10
CALLIOPSIS. Very showy—mixed colors .....	.10
CANDYTUFF. Pure white .....	.10
CANDYTUFF. Finest mixed colors .....	.10
CANTERBURY BELLS. Cup and Saucer. Mixed perennial .....	.10
CARNATIONS. Very showy and sweet scented .....	.10
COSMOS. Free blooming, flowers excellent for cutting. Finest mixed .....	.10
EVERLASTING. A hardy annual, very ornamental in the garden, and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open .....	.10
FORGET-ME-NOT. Sky Blue .....	.10
GAILLARDIA. Beautiful annual, large flowers, blooms until frost. Finest mixed .....	.10
HOLLYHOCKS. Single, mixed. (Perennial) .....	.10
HOLLYHOCKS. Double, mixed. (Perennial) .....	.10
LARKSPUR. Annual of great beauty—mixed .....	.10
MARIGOLD (African). Large flowers—mixed .....	.10
MARIGOLD (French). Free flowering—mixed .....	.10
MIGNONETTE. Sweet, large flowered .....	.10
MORNING GLORY. Mixed (annual) .....	.10
PANSY. Large flowered. Finest mixed .....	.10
PETUNIA. Great variety—colors mixed .....	.10
PHLOX (Drummondii). Flowers of great beauty. Their long duration of bloom and rich color are admired by all. Choice mixed colors .....	.10
POPPY (California). Much admired .....	.10
POPPY (double). Choice mixed .....	.10
POPPY (Shirley). Beautiful shades mixed .....	.10
PORTULACA. Very popular—single, mixed .....	.10
SALPIGLOSSIS. Very beautiful—mixed .....	.10
SALVIA (Scarlet Sage). Old favorite .....	.10
SNAP DRAGON. Mixed (annual) .....	.10
STOCKS. Early, large flowering—mixed .....	.10
SWEET WILLIAM. Showy Perennial. Mixed .....	.10
VERBENA. Always popular—mixed .....	.10
ZINNIA (Giant). Always very popular—mixed .....	.10

All prices quoted in this catalogue subject to change without notice.



## VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS. Strong, two-year-old roots, per doz., 40 cts., per 100, \$2.50

### Cabbage Plants

Early Summer varieties ready May 15th

For Winter crop ready June 15th

Early Summer

Early Jersey Wakefield

Fottler's Brunswick

All seasons

Danish Ball Head

Copenhagen Market

Premium Flat Dutch

Stone-Mason Drumhead

Put up in bunches of 25, 50 and 100

### Cauliflower Plants

Ready June 1st

Early Favorite

Henderson's Early Snowball

Put up in bunches of 12, 25 and 100

### Celery Plants

Ready June 1st

Boston Market

Golden Self-Bleaching

White Plume

Put up in bunches of 25, 50 and 100

### Pepper Plants

Ready June 1st

Large Bell or Bull Nose

### Tomato Plants

Ready May 20th

Spark's Earliana

New Stone

Early Freedom

Dwarf Champion

Crimson Cushion

Livingston's Beauty

Put up one dozen in a box and in bunches of 12, 25, 50 and 100

### Horse Radish Sets

Strong, healthy cuttings ..... 30 cts. per dozen

### Rhubarb Roots

Linnæus, two-year-old roots ..... 25 cts. each; \$2.50 per dozen

### Bedding Plants—Seedlings

Ready June 1st

Asters

English Daisies

Pansies

Pinks

Snap Dragon

Dianthus Pinks

Ten Weeks' Stocks

Verbena

Zinnias

Forget-me-not

### Geraniums

Choice mixed varieties, from 2½- and 3-inch pots. Write for prices on plants listed on this page not priced.

All plants on this page shipped at owner's risk. Our responsibility ceases on delivery to the Express or Railroad Company. No plants will be shipped on Saturday.

Plants sent by Express or Freight only.

## USE SHEEPS HEAD BRAND PULVERIZED SHEEP MANURE

In your Flower Beds and Vegetable Garden. A natural, high-grade, properly balanced, complete fertilizer—odorless. See page 52



*Single Hyacinth*  
Prices on application.

## TULIPS

No other flower exceeds the Tulip in beauty of form, brilliancy of color, effective bedding and gorgeous show. They are equally as desirable for bedding, or pot culture indoor. Bulbs should be set 6 inches apart and 4½ inches deep.

### SINGLE VARIETIES

Much more satisfactory for outdoor bedding than the double varieties.

ARTUS, scarlet. DUC DE BERLIN, brilliant red and yellow.  
CARDINAL'S HAT, brown red. YELLOW PRINCE, bright yellow.  
ROSE GRISDELIN, bright pink. GOLDFINCH, bright yellow.  
LA REINE, pure white. COTTAGEMAUD, white and rose.

### DOUBLE VARIETIES

GLORIA SOLIS, brown and yellow. ALBA MAXIMA, pure white.  
RUBRA MAXIMA, dark red. DUKE OF LEICESTER, yellow.  
MURILLO, light rose.

Prices on application.

## DUTCH BULBS

### AUTUMN PLANTING

For Winter and Spring Blooms

Ready for shipment about September 1st

Garden Culture. Bulbs may be planted from the first of October up to the time the ground freezes, in any good, well drained, garden soil, which has previously been well enriched and dug to a depth of from 12 to 15 inches. Before the ground freezes, cover the beds with material such as leaves, straw, boughs, etc., to a depth of 4 inches. Do not uncover too early in the Spring.

## HYACINTHS

One of the most popular bulbs for effective beds outdoors, or grown in the house in pots. Bulbs should be set 6 inches apart and 6 inches deep.

### SINGLE VARIETIES

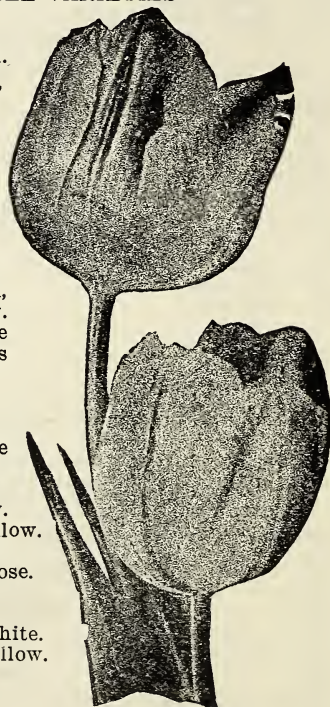
Better adapted, and much more satisfactory, for outdoor bedding, than the double varieties.

GERTRUDE, brilliant rosy-red.  
ROI DEO BELGES, bright dark red.  
GENERAL VETTER, bluish white.  
KING OF THE BLUES, dark blue.  
QUEEN OF THE BLUES, light blue.  
KING OF THE YELLOWS, dark yellow.  
L'INNOCENCE, pure white.  
LORD BALFOUR, lilac-violet.  
GRAND MAITRE, lavender.  
HOFGARTNER KUNERT, light pink.

Prices on application.

### DOUBLE VARIETIES

KOH-I-NOOR, rosy-red.  
LA TOUR D'AUVERGNE,  
pure white.  
BLOKSBERG, light  
blue.  
CHESTNUT FLOWER,  
fine rose color.



*Single Tulip*

All prices quoted in this catalogue subject to change without notice.



## DARWIN TULIPS

BARONNE DE LA TONNAYE, rosy carmine  
LOUIS LENGLAET, brilliant dark purple

FEN D'ARTIFICE, brilliant purple red  
MARGARET, rose lilac. MEDUSA, salmon orange-red

Prices on application

## PERENNIAL PLANTS AND ROOTS

Assorted Colors for either Spring or Fall Planting

Achilles  
Baby's Breath  
Foxglove  
Garden Heliotrope  
Gaillardia  
Sweet William  
Veronica

### PRICE

15c ea.      \$1.50 doz.

Canterbury Bells  
Columbine  
Hollyhocks  
Iris  
Larkspur  
London Pride  
Lupines  
Oriental Poppy  
Persian Daisy

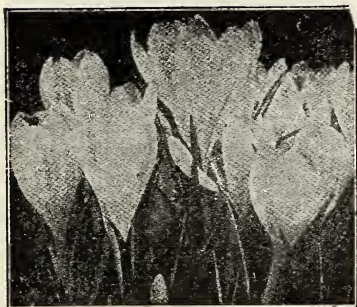
25c ea.      \$2.50 doz.

PEONIES  
Strong Roots of Choice  
Named Varieties  
Pink, Red and White  
75c each

PHLOX  
Pink, Red, White and  
Purple

25c ea.      \$2.50 doz.

If sent by parcel post include extra for postage.



*Crocuses*

## CROCUSES

One of the first to bloom in the spring, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage, it is a welcome visitor. The crocus succeeds well when grown in pots for indoor culture, as well as for borders and beds for outdoor culture; may also be grown in water with a little sand in any shallow dish or plate.

Plant in the open ground 2 inches deep and 2 inches apart.

Blue, white, striped, yellow.

Prices on application.

## CHINESE SACRED LILY

The flowers are of a satiny white color with very fragrant, golden yellow cups. Usually used for indoor culture, grown in bowls or dishes of water. Put an inch or two of sand or gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel, or shells, around them to keep them from falling over; fill the dish with water and keep in any ordinary living room.

Prices on application.

## GLADIOLI

Ready for Shipment April 15th

### CHOICE MIXTURE

This assortment of varieties is made up from choice named sorts in colors that blend either for cut flowers or bedding in the garden.

Bulbs should be set out in the ground, after all danger of frost is over.

Per doz., 50 cents. Per 100, \$3.50

If sent by Parcel Post add 5c per dozen and 15c per 100 to pay postage. We make the 100 price on 50 bulbs and over.

All prices quoted in this catalogue subject to change without notice.

## DAHLIAS

*Bulbs Ready for Shipment April 15th*

No plants are easier to grow, respond more readily to care, flower more freely, and show such a wide range of color and types as the Dahlias.  
They should not be planted until after all danger of frost is over. Plant in a moderately rich soil, covering the tubers 3 inches deep.

Give plenty of water and sunshine and stir only the surface soil in cultivating.

## DAHLIA BULBS

We list below a few of our most popular varieties.



Arian (Show) — Crimson scarlet, free bloomer .....	20c
American Flag (Show)—Red and white, very attractive .....	20c
Amun Ra (Dec) — Large copper, orange bronze center .....	50c
Ariel (Pom) — Orange buff, a good cut flower .....	20c
Ben Wilson (D) — Rich velvet red, each petal a tip of yellow .....	50c
Breezie Lawn (D) — Dazzling vermilion, immense size .....	50c
Bird of Paradise (S) — White overlaid deep pink .....	20c
Bobby (Pom) — A pleasing shade of plum — free bloomer .....	20c
Bonton (Ball) — A very pleasing, rich garnet .....	25c
Challenge (Pom) — Variegated maroon and white .....	20c
Clara Harsh (Pom) — Crimson tipped yellow .....	25c
Canada (P) — Largest white .....	35c
Dr. H. Lewis (Dec) — Soft salmon rose — enormous size .....	50c
Dorothy Peacock (Ball) — The world's best pink .....	35c

F. L. Mills (D) — Large, flaming red .....	25c
Fashion (Pom) — Orange .....	20c
Golden Age (Show) — Sulphur Yellow .....	20c
Gladiator (Show) — Clear violet shaded blue .....	25c
Gold Coin (Show) — Gold edged red .....	20c
Grand Dutchess Marie (Show) — Rich buff overlaid orange .....	25c
Golden Queen (Pom) — The most golden yellow .....	25c
Golden Opportunity (Show) — Large, rich, golden yellow .....	30c
Gen. Buller (Cac) — Maroon and white .....	25c
Guiding Star (Pom) — Pure white .....	20c
Glory of Argonne (Dec) — Delicate violet .....	50c
Golden West (Cac) — Bright golden orange buff .....	30c
Glausse (Pom) — Beautiful orange — one of the finest .....	25c
Harbor Light (Cac) — Vivid orange overlaid flame .....	25c
Highland Mary (Pom) — Pink and white .....	15c
J. R. Baldwin (Show) — Brownish orange .....	20c
J. M. Goodrich (Dec) — Salmon .....	25c
Jennae Charmet (D) — Beautiful lilac pink .....	30c
Jessica (Pom) — Buff slightly speckled with red .....	25c
Jarcosley (Pom) — Yellow and red tipped white .....	35c
Klein Gretchen (Pom) — White shaded crimson .....	25c
La Grand Manitou (D) — White artistically striped, splashed and blotched violet purple .....	25c
Little Beauty (Pom) — Light pink .....	20c
Mrs. Carl Salback (Dec) — Giant rose pink .....	50c
Maud Adams (Show) — White suffused clear pink .....	25c
Moonlight (Dec) — Clear yellow, each petal tipped peach pink .....	25c
Mabel (Pom) — Salmon pink .....	20c
Masterpiece (Dec) — Large bronze .....	35c
Mme. Marz (Dec) — Large, perfect form, pure white, free bloomer .....	25c
Millionaire (Dec) — Best known lavender pink, immense size .....	35c
Mrs. Ethel Smith (H. C.) — Monster, very light yellow .....	75c
Madeline (Pom) — Pale primrose edged rose purple .....	20c
Medusa (Dec) — A luminous rose red tipped lighter .....	35c
Pride of California (Dec) — Large, bright red .....	25c
Purple Manitou (D) — A rich, deep purple .....	20c
Queen of Yellows (Show) — A very fine yellow .....	20c
Roselle (H. C.) — Beautiful raged yellow suffused with red .....	35c
Red Duke (Ball) — Rich, dazzling cardinal red quilled .....	25c
Tenor Alvarez (Dec) — Large cerise pencilled maroon .....	50c
Tillmook (Show) — Delicate rose pink .....	25c
Ville De Mantz (D) — Crimson tipped white .....	25c
Viscount Sherbrook (Cac) — Reddish terracotta — good size .....	25c
Wm. Slocumb (D) — Extra large, beautiful shade of canary yellow .....	50c
Wolf Gang (C) — Large, rich apricot .....	30c
Yellow Colosseus (Dec) — Sulphur yellow .....	25c
Zulu (Dec) — Almost blue black .....	20c

If we should be out of any variety of Dahlias at the time we receive your order, we reserve the right to substitute a desirable variety in place of same unless otherwise instructed.

All prices quoted in this catalogue subject to change without notice.



## SWEEPSTAKES PEDIGREE SEED CORN

SWEEPSTAKES PEDIGREE SEED CORN was first sold in New England in 1917 at Portland, Maine, and from such a start it is today considered the VERIBEST SEED CORN FOR SILO PURPOSES and this honor extends from the Atlantic to the Pacific, and in our northern tier of states and southern Canada, THERE IS NO OTHER ITS EQUAL TO PRODUCE GROWTH, WEIGHT, AND MATURITY.



We hold Certificate of Agency for the sale and distribution of this wonderful brand of seed corn, and when the farmer grows SWEEPSTAKES he has the facts when he feeds it.

This cut represents Mr. Hubbard of Cortland, N. Y., standing by six stalks from seed he sold, and at eighty-five years of age, BELIEVES THIS IS THE ONLY SEED CORN ANY FARMER SHOULD PLANT FOR THE SILO.

There is only one brand of SWEEPSTAKES PEDIGREE SEED CORN, which is grown and put up under the most careful inspection and supervision at all times.

The International Consolidated Record Ass'n, Inc., of Elmira, N. Y., grow and ship the seed we sell, and we shall be pleased to have every one of our customers and friends plant SWEEPSTAKES PEDIGREE SEED CORN.

It has QUALITY and is DEPENDABLE. One peck of seed per acre produces best crop.

### PRICES

15 cts. per pound; \$1.75 per peck, 14 lbs.; \$6.00 per bushel, 56 pounds; bags extra.

If sent by Parcel Post, include extra for postage.



### CRO-CUS

Corn crop insurance against crows. Repels crows, keeps seed from rotting. Labor, time and seed saved. No replanting. One can treat 8 pecks of corn.

Pint Can, \$1.25, postpaid

All prices quoted in this catalogue subject to change without notice.

## EARLY PEARL OATS

We have made this oat our leader for several years, as we believe it has a record unequalled, and we have received only words of commendation from our customers.

This oat was tried out in varieties of tests at the State Farm Highmoor for several years, and the record shows that it led in yield or was very near the top each year.

It has been awarded Sweepstakes as the highest scoring oat at each successive meeting of the Maine Seed Improvement Association, with the exception of one year since its organization.

A demonstration plot of 3 acres under government inspection in 1914 yielded 88 bushels per acre. The average on the farm of 12 acres gave a yield of 72.

The originator has grown 110 bushels from one acre.

The early Pearl originated in Maine.

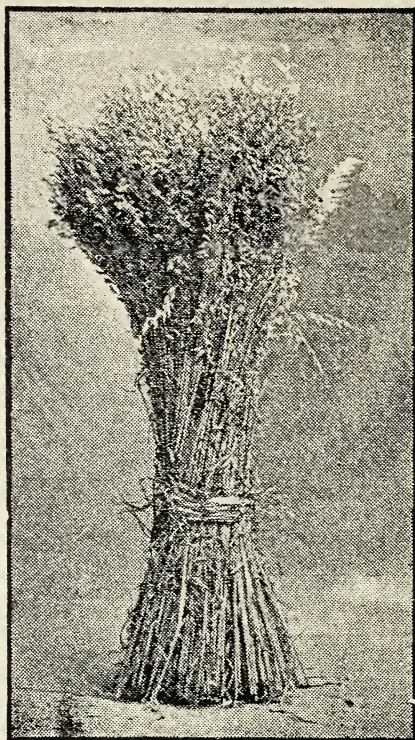
We secure our seed from the originator with a guarantee that it is true to name and free from smut and foul seed.

Prices on application.

## WHITE WESTERN SEED OATS

These oats are selected, germinated and re-cleaned especially for seed.

Write for prices.



*Early Pearl Oats*

## MAINE 340 OATS

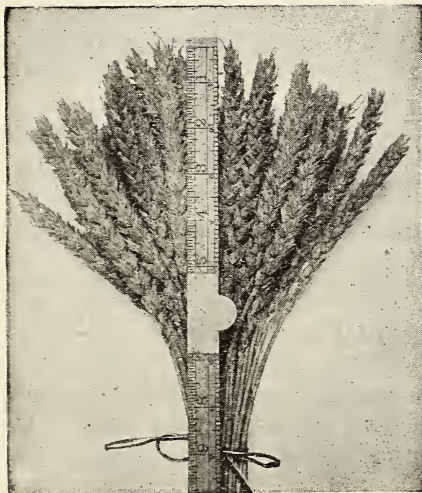
This variety of oat was originated in the State of Maine after many years of careful selection and breeding. A heavy yielder, straw good height, stiff and does not lodge easily. Oats very heavy and of fine quality.

Write for prices.

## MARQUIS SPRING WHEAT

A variety produced by scientific cross breeding. First introduced in Canada, and has since rapidly displaced many other varieties in the northwest and in Canada. In appearance is similar to Red Fife, the heads being heavier and the straws shorter, making it less likely to lodge. The kernel is flinty, dark red, plump, and is beardless. Early and a very heavy yielder.

Write for prices.



*Marquis Spring Wheat*



## EXTRA SELECTED FARM SEEDS

*At market prices at time order is received. All inquiries for quotations will be promptly answered.*



*Timothy*

**KENTUCKY BLUE GRASS.** An excellent variety for pasture. Also valuable for lawns when mixed with other grasses; 14 lbs. to the bushel.

**CREeping BENT.** Ideal for golf link putting greens; it makes a fine turf and lasts well. Also excellent for lawns.

**CRESTED DOGSTAIL.** A very valuable permanent pasture grass. On account of its fine, close growth it is very valuable in lawn grass mixtures.



*Kentucky Blue Grass*

**SHEEP'S FESCUE.** Much liked by sheep, and makes a very fine grass for permanent pasture mixtures where sheep are to be pastured. Also valuable for lawns.

**ENGLISH RYE GRASS.** Very valuable, arrives early at maturity and produces a good quantity of hay. It grows freely on most any soil and shows a very early spring growth of which cattle are very fond. Very desirable for a pasture grass.

## GRASS SEEDS

**TIMOTHY OR HERD'S GRASS.** The best grass for hay; 45 lbs. to the bushel.

**FANCY RED TOP.** Clear Seed. A valuable grass and extensively cultivated; 40 lbs. to the measured bushel.

**CANADA BLUE GRASS.** A very hardy variety of Blue Grass. Excellent for pasture and especially adapted to dry, sandy, thin soils. Does not make as fine a sod as the Kentucky Blue Grass, but will stand rougher usage.



*Red Top*

**ORCHARD GRASS.** Valuable on all dry soils, very valuable as a pasture grass; 14 lbs. to the bushel.

**RED FESCUE.** Valuable as a pasture grass.



*English Rye Grass*

*Hungarian Grass*

quality on any soil, yielding 8 to 10 tons per acre and growing from 5 to 7 feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast, 10 to 15 lbs. per acre (it stools remarkably), or in drills, 8 lbs. per acre.

Write for prices.

## CLOVERS

Prices subject to market changes. There are no plants so valuable for fertilizers as the clovers. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil. The seed may be sown in fall or spring; the best results will come from sowing in the spring, and is often sown on the late snows of April.

*Red Clover*

## MILLETS

Millets should be sown in June and July, and are annual forage plants of thick growth, valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock. They must be cut while in blossom to make good hay. At market prices at time order is received. All inquiries for quotations will be promptly answered.

**HUNGARIAN GRASS.** Early. Grows two to three feet high; abundant foliage; withstands drought and yields well on light soils; 48 lbs. to the bushel.

**NEW SIBERIAN MILLET.** A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States. It is extremely hardy and about two weeks earlier than Golden Millet, growing about four feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown from a single seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in June and July, one peck to the acre; 48 lbs. to the bushel.

## JAPANESE BARNYARD MILLET

This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts Agricultural Experiment Station. It has proven an enormous yielder in all sections of the United States; hay and fodder of most excellent



**MEDIUM RED CLOVER.** The common Red Clover and by far the most practical variety for agricultural purposes.

**MAMMOTH OR PEA VINE CLOVER.** Of ranker growth than Medium Red and usually lasts longer.

**ALSIKE CLOVER.** Very hardy, particularly adapted for low moist land.

**WHITE CLOVER.** Very hardy, particularly adapted for low moist land.

Adapted to all soils. Very hardy.

**SCARLET OR CRIMSON CLOVER.** A rapid growing annual, fine for soiling cattle, or for plowing under to enrich the soil.

**BOKAHRA OR WHITE SWEET CLOVER.** Will grow on very poor soils; excellent for plowing under, also makes a superior forage crop. This is a biennial and will not last over two years. Valuable for

beekeepers ..... Write for prices.

INOCULATE THIS  
SEED WITH  
**MULFORD CULTURE**



*Alfalfa*

## ALFALFA

**ALFALFA OR LUCERNE.** The greatest known forage crop. The soil should be a deep loam, well-drained with loose subsoil so that no water will stand on the land. Agricultural Lime should be used at the rate of one ton to the acre to correct any acidity in the soil.

**GENUINE GRIMME ALFALFA.** A hardier and more productive strain of alfalfa than any other variety. This has been determined by extensive trials at various experiment stations and on many farms in the northern states. It originated in northern Minnesota after many years of careful selection ..... Write for prices

INOCULATE THIS  
SEED WITH  
**MULFORD CULTURE**



*Soja or soy beans*

## SOJA OR SOY BEANS

### MAMMOTH YELLOW

Very valuable for fertilizing and enriching the soil; also used for pasturing, feeding as green fodder, and for silo purposes. Sow broadcast in May or June, at the rate of one bushel to the acre, or they may be planted in drills three feet apart and one foot between plants.

*At market prices time order is received.*

## COW OR SOUTHERN PEAS

The great soil improver. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Peas are the most popular, especially for medium or light soil. They should be sown the last of May, or in June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their growth. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers.

*At market prices time order is received.*

Cow Peas are also valuable as a forage crop.

**BLACK EYE.** Seed creamy white, with a large black eye. A prolific vine grower.

**WHIP-POOR-WILL.** Seeds are good size, speckled brown in color. A prolific bunch growing variety.

## SUDAN GRASS

This is a drouth-resisting grass of great merit, and yields an abundant crop. On very dry lands it yields more forage than Millet; the hay is relished by stock, is of superior quality and is very easily cured.

It is a very tall growing grass, reaching a height of from five to seven feet.

As this is strictly an annual and dies each year, it must be seeded again each spring. It should not be planted until the soil has become warm in the spring. If sown broadcast, 16 to 24 lbs. of seed per acre are required.

*At market prices.*

## SAND, OR WINTER VETCH

One of the pea vine class of plants. Better than other fodder crops on poor, dry, sandy soil, while in good soil it makes a rank growth of four to five feet. Perfectly hardy all over the United States, stands drought well and remains green all winter. It is the earliest of all spring fodder crops. Sow for spring use in August with  $\frac{1}{2}$  bushel of winter rye or oats, or in spring with  $\frac{1}{2}$  bushel of oats, rye, or barley. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow at the rate of one bushel per acre.

*At market prices time order is received. All inquiries for quotations will be promptly answered.*

## GRAINS

Prices subject to market changes. All inquiries for quotations will be promptly answered.

*Spring Wheat, Winter Wheat, Spring Rye, Winter Rye, Barley, Oats, Silver Hull Buckwheat, Japanese Buckwheat, Indian Wheat, or Rough Hulled Buckwheat*

All our grains are selected expressly for seed, and are strictly pure and true.

## PASTURE SEED

*A Special Grass Mixture for Permanent Pastures*

This is a special mixture of grasses that produce a heavier, thicker and longer continued growth of grasses than when only one or two kinds are grown. It also makes a much heavier and thicker sod.

Care should be taken in not turning cattle on too soon after seeding. The best results are obtained by mowing the first season and not turning cattle on till the second season, this gives the grass a chance to get firmly root-

ed and to form a thick, heavy sod. A liberal quantity of seed should be used so as to insure a thick, heavy sod.

If unable to harrow into the soil, the seed should be sown just as soon as the snow leaves in the spring, while the ground is cool and moist. We recommend using 1 to  $1\frac{1}{2}$  bushels of seed per acre.

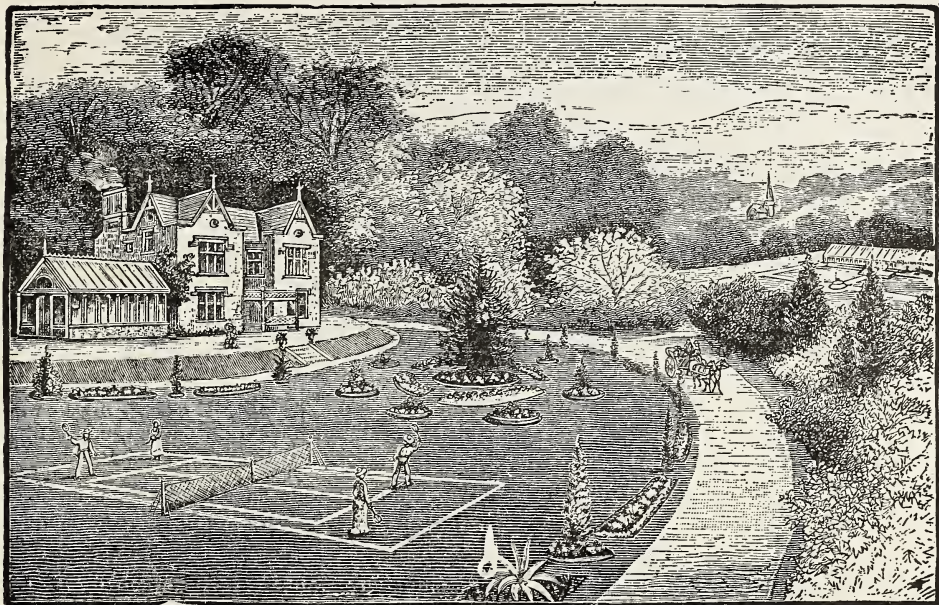
Price, per bushel of 30 lbs., \$6.50.

All inquiries for quotations for grass seeds, grains, etc., will be promptly answered and samples sent by mail when desired.



*Japanese Buckwheat*





## DUNNING'S LAWN GRASS SEED

This is a mixture of the different varieties of grass seed, which is best suited to this climate for lawns, grass plots, cemetery lots, etc., and selected with a view of suiting all soils and situations, and whether used in pastures, or lawns, has invariably produced the best results. It must be remembered, however, that much of the fine appearance of our lawns depends upon regularity in mowing. If they are left too long in spring before the operation is begun, or if allowed to grow strong in summer, and, more especially, if not closely mown at the latest period in autumn, they become coarse, the stronger grass overgrowing the weaker and the best, the smoothness of the surface being destroyed, and ultimately the whole becoming patchy and unsightly. All lawns should also be regularly rolled, and, unless the subsoil be a porous, alluvial gravel, should also be thoroughly drained at their formation. A drain should be carried along at the bottom of each terrace slope, so that they may at all times be comfortable to walk upon. The seed may be sown in spring or fall, but, if sown in hot weather, a slight sowing of oats, which vegetates quickly among the grass, will serve to protect the springing grass. For forming new lawns, three bushels are required per acre, or about one quart to each square rod of land, which should be regularly and evenly distributed.

A liberal quantity of seed should always be used to insure the best results. Per pound, 50 cents; 5 lbs., \$2.25. If sent by mail, add eight cents per pound for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.

If sent by Parcel Post include extra for bag and postage.

## DUNNING'S "SHADY" LAWN SEED

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance.

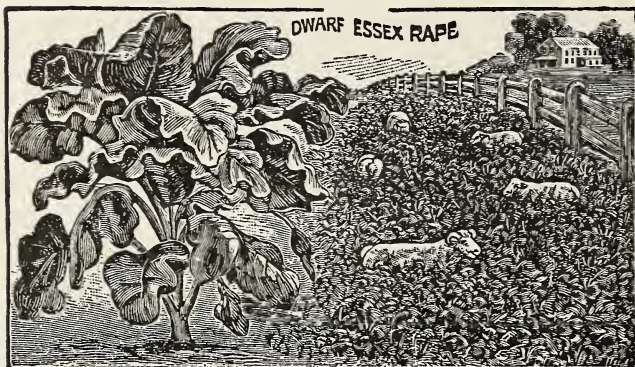
If sown on such locations in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented.

A liberal quantity of seed should be used to insure the best results.

Per pound, 60 cents; 5 lbs., \$2.75. If sent by mail add 8 cents per pound for postage.

Twenty-five pounds per bushel. Prices on larger quantity on application.

If sent by Parcel Post include extra for bag and postage.



## DWARF ESSEX RAPE, ENGLISH

Is easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth.


Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for its best development requires

a loamy soil, moist and rich; ground that has produced good crops of corn, turnips and cabbage will be found very suitable for Rape. Plant seed in New England from May 1 to middle or last of July in average seasons.

In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.


Dwarf Essex Rape will be found to resist summer drought if care is taken to get the plants well started before extreme summer heat may be expected. For sowing in drills, about 5 lbs. of seed per acre is required; broadcast 15 lbs. per acre.

# Inoculate WITH NOD-O-GEN



PLANTS  
INOCULATED  
WITH  
NOD-O-GEN

(BELOW)  
NOT  
INOCULATED



### For Legume Crops

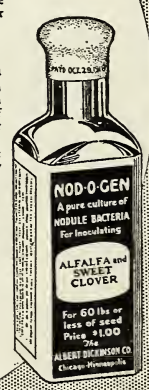
The cheapest and easiest way of improving crops and soil.

The Legume crops when not inoculated rob the soil; inoculated with the right bacteria, they feed the soil, grow more vigorously and contain a higher percentage of valuable feed proteins.

**Nod-O-Gen Easiest and Surest Form of Inoculation**

Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

Moreover Nod-O-Gen is easiest inoculation to use, requiring no equipment or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure.



**NOD-O-GEN**  
A pure culture of  
NODULE BACTERIA  
for inoculating

**ALFALFA and  
SWEET  
CLOVER**

For 60 lbs or  
less of seed  
Price \$1.00

The  
ALBERT DUNNINGSON CO.  
Chicago, Illinois, U.S.A.

### Prices for Nod-O-Gen

For Alfalfa, Sweet Clover, Red Clover and other Clovers (specify which):	
3/4 bu. size .....	\$ .60
1 bu. size .....	1.00
For Soy Beans, Cow Peas, Field Peas and Beans and Vetches (specify which):	
1 bu. size .....	.50
5 bu. size .....	2.00
For Garden Peas, Sweet Peas, Garden Beans and Limas:	
Garden Size .....	\$.25

Always specify names of crop as well as size of culture wanted.



## Table Showing the Quantity of Seed Usually Sown Upon an Acre

	Lbs. Per Bush.	Amt. per Acre		Lbs. Per Bush.	Amt. per Acre
Alfalfa	60	20 lbs.	Millet, Japanese	35	10 to 15 lbs.
Barley, broadcast	48	2½ to 3 bu.	Millet, Siberian	48	12 to 15 lbs.
Beans, Dwarf, in drills	60	1 to 1½ bu.	Oats, broadcast	32	3 to 4 bu.
Beans, Pole, in hills	60	10 to 12 qts.	Onions, in drills		4 to 5 lbs.
Beets, Garden		6 lbs.	Onion Sets, in drills	32	8 to 10 bu.
Beets, Mangel Wurzel		6 lbs.	Orchard Grass	14	2 to 3 bu.
Buckwheat	48	1 bu.	Parsnips, in drills		5 lbs.
Cabbage		6 to 8 oz.	Peas, Smooth, broadcast	60	2 to 3 bu.
Carrot		3 to 4 lbs.	Peas, Garden, in drills	56	1¼ to 1½ bu.
Clover, Alsike	60	6 to 10 lbs.	Potatoes	60	10 to 12 bu.
Clover, Red	60	12 to 20 lbs.	Pumpkin, in hills		3 to 4 lbs.
Clover, White	60	6 to 10 lbs.	Red Top, clean seed	40	8 to 10 lbs.
Corn for Ensilage, in drills		½ to 1 bu.	Rye, broadcast	56	1½ to 2 bu.
Corn, in hills		10 qts.	Squash, in hills		4 lbs.
Cucumber in hills		1½ to 2 lbs.	Sudan Grass		16 to 24 lbs.
English Rye Grass	24	2 to 3 bu.	Timothy	45	½ bu.
Hungarian	48	1 bu.	Turnip, broadcast		2½ to 3 lbs.
Kentucky Blue Grass	14	2 to 3 bu.	Turnip, in drills		1 to 2 lbs.
Lawn Grass	25	3 bu.	Vetches	60	½ to 1 bu.
Millet, Golden	48	1 bu.	Wheat, broadcast	60	1½ to 2 bu.

## Weight of Various Articles

	Lbs. per Bush.		Lbs. per Bush.
Apples	44	Peas, Wrinkled	56
Barley	48	Peas, Unshelled Green	28
Beans	60	Potatoes	60
Beans, String, Green Unshelled	24	Rye	56
Beets	60	Rye Meal	50
Beet Greens	12	Salt, Coarse	70
Buckwheat	48	Salt, Fine	60
Blue Grass, Canadian	14	Salt, Liverpool	60
Blue Grass, Kentucky	14	Salt, Turk's Island	70
Carrots	50	Spinach	12
Clover	60	Timothy	45
Corn, Shelled	56	Tomatoes	56
Corn, on Ear	70	Turnips, Ruta Paga	60
Corn, Cracked	50	Wheat	60
Corn Meal	50	Flour, per bbl.	196
Charcoal	22	Potatoes, per bbl.	165
Hungarian	48		
Millet, Golden	48		
Millet, Japanese	35		
Oats	32		
Orchard Grass	14		
Onions	52		
Parsnips	45		
Peas, Smooth	60		

## Lbs. per Cubic Foot

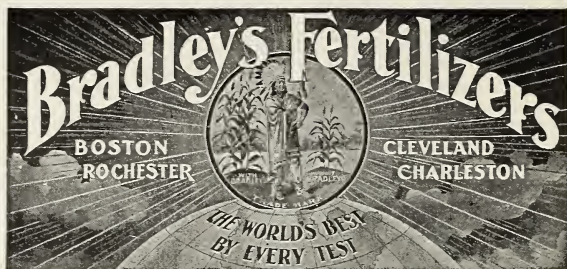
Hay, well settled	4½
Corn, on cob, in bin	22
Corn, shelled, in bin	45
Wheat, in bin	48
Oats, in bin	25½
Potatoes, in bin	60

## Number of Plants or Trees to the Acre at Given Distances

Distance Apart	Quantity per Acre	Distance Apart	Quantity per Acre
½ foot	174,240	4 feet by 2 feet	5,444
1 foot	43,560	4 feet by 3 feet	3,629
1½ feet	19,360	4 feet by 4 feet	2,722
2 feet	10,890	5 feet	1,742
2½ feet	6,969	6 feet	1,210
2½ feet by 12 inches	17,424	7 feet	889
2½ feet by 16 inches	13,068	8 feet	680
2½ feet by 20 inches	10,454	10 feet	435
2½ feet by 2 feet	8,712	12 feet	302
2½ feet by 2½ feet	6,970	15 feet	193
3 feet by 1 foot	14,520	18 feet	134
3 feet by 2 feet	7,260	20 feet	108
3 feet by 3 feet	4,840	25 feet	69
4 feet by 1 foot	10,888	30 feet	64

All prices quoted in this catalogue subject to change without notice.

For all  
General  
Farming



Write  
For  
Prices

## SHEEPS HEAD BRAND PULVERIZED SHEEP MANURE

A natural dressing for Lawns, Flower Beds, Vegetable Gardens, Golf Links, etc., and is the best of all manures for mixing with the soil for Greenhouse Plants.

As a lawn top-dressing, it cannot be equalled. It can be applied two or three times to the lawn during the season, at the rate of about one pound to thirty square feet or less, owing to the condition of the lawn.

For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound of manure to five gallons of water, which can be used daily with safety, if necessary.

It is clean to handle, perfectly dry, thoroughly pulverized, pure and unadulterated.



PRICES	
1-pound bag .....	\$ .15
5-pound bag .....	.35
10-pound pkg. ....	.65
25-pound bag .....	\$1.00
50-pound bag .....	1.65
100-pound bag .....	3.00

## STIM-U-PLANT

PLANT STIMULANT TABLET

Most modern, efficient and scientific method of fertilizing growing plants. Contains highly concentrated, immediately available forms of plant food for use in stimulating all forms of plant life.

Can be used in tablet or liquid form.

### PRICES

Small package—10 Tablets .....	15 cts. ....	postpaid, 19 cts.
Medium package—30 Tablets .....	25 cts. ....	postpaid, 31 cts.
Large package—100 Tablets .....	75 cts. ....	postpaid, 85 cts.



## ARCADIAN SULPHATE OF AMMONIA

A wonderful fertilizer for garden, lawn or orchard. Guaranteed 25 1/4% of ammonia, the highest test of any fertilizer chemical. Ammonia supplies nitrogen, the most essential plant food. One 2-lb. package of Arcadian contains as much nitrogen as 100 lbs. of stable manure or 20 lbs. of sheep manure. No weed seeds, no odor, no lumps. Does not gather moisture. Always fine and dry. Made in America. Full directions on package. Prices: 2-lb., .50; 5-lb., \$1.00; 10-lb., \$2.00; 25-lb., \$4.00.

Parcel Post Extra.

## AGRICULTURAL LIME

In 100-pound bags .....	85 cts. per hundred	\$13.50 per ton
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## LAND PLASTER

In 100-pound bags .....	\$1.25 per hundred	\$20.00 per ton
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All prices quoted in this catalogue subject to change without notice.



## SHERWIN-WILLIAMS DRY POWDERED ARSENATE OF LEAD



This represents the highest development in Arsenical Poisons for Fruit and Vegetable Spraying. Because of its finely divided condition and great fluffiness it mixes with water in the spraying-tank with much less stirring than is necessary when the paste form is used.

Less than half of the powdered form will produce the same, or better results than the paste material.

This is lighter, more finely divided and of greater fluffiness than any other Dry Powdered Arsenate of Lead on the market, consequently is of much greater bulk per pound.

Write for prices.

Arsenate of Lead is a poison and cannot be sent by Parcel Post.

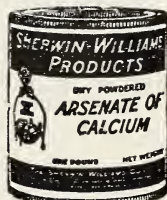
## DRY ARSENATE OF CALCIUM

Sherwin-Williams Arsenate of Calcium complies with every government specification covering physical qualities and chemical analysis. It is of especial value applied as a dust in the control of Cotton Boll Weevil.

S-W Arsenate of Calcium comes in dry powdered form and is extremely fine, having a density of not less than 80 or more than 100 cubic inches to the pound. This insures even and economical distribution on the cotton plant. S-W Arsenate of Calcium contains not less than 40 per cent. of arsenic oxide and less than  $\frac{3}{4}$  of one per cent. of water soluble arsenic oxide. These qualities insure quick killing of the Boll Weevil without injury resulting to the cotton plants.

Prices on Application

Poison and cannot be sent by Parcel Post.



## STRICTLY PURE PARIS GREEN

For destroying Potato Bugs, etc. In one or two-pound boxes.

We also carry a good stock of Reynold's Paris Green. Write for prices.

Paris Green is a poison and cannot be sent by Parcel Post.



for Lime-Sulfur Solution, but it is the actual material in dry powdered form.

It is very simple to use as it goes into solution in water almost instantly and spraying operations can be started immediately.

Write for prices.

## DRY LIME-SULFUR

The preparation of this Dry Lime-Sulfur is the result of years of research work and is the only Dry Lime-Sulfur on the market. It is not a substitute

for Lime-Sulfur Solution, but it is the actual material in dry powdered form.

It is very simple to use as it goes into solution in water almost instantly and spraying operations can be started immediately.

Write for prices.



## FUNGI-BORDO

Sherwin-Williams Fungi-Eordo is an extremely fine, fluffy Bordeaux Mixture in dry powdered form. It is made of the best grade of lime and blue vitriol. S-W Fungi-Bordo mixes readily with water and stays well in suspension. It is very effective when applied as a dust.

Fungi-Bordo is a properly balanced Bordeaux Mixture containing equal parts of lime and blue vitriol. When used at the rate of 6 lbs. to 50 gallons of water it will give a 3-3-50 Bordeaux formula—8 lbs. a 4-4-50 formula, 10 lbs. a 5-5-50 formula, and 12 lbs., a 6-6-50 Bordeaux formula.

Sherwin-Williams Fungi-Bordo will control most fungous diseases of apples, pears, cherries, grapes, strawberries and those of vegetables. The use of Fungi-Bordo eliminates all of the inconvenience connected with the making of home-made Bordeaux. It is better than commercial paste Bordeaux Mixture because it is more easily mixed with water, will not deteriorate and is more effective in the control of fungous diseases.

Prices on Application. Poison cannot be sent by Parcel Post.



PYROX

*For the Control of Insect and Plant Diseases*

Pyrox has been known for years as the handiest and most efficient spray material made. No fuss, muss or guess work. Mix the smooth, creamy paste with water. Stir, and you have a perfect mixture that sprays, mist-like, through finest nozzles. Pyrox is economical and handy to use. Ideal for the home gardener and truck farmer. Use Pyrox especially for potatoes, other vegetables, small fruits and rose bushes.



PRICES

1 lb. ....	\$ .50	10 lbs. ....	\$3.00
5 lbs. ....	1.75	25 lbs. ....	6.25

Ask for the Pyrox Spray Guide

NICOTINE SULPHATE—40% NICOTINE

This is the insecticide that is so highly recommended by Experiment stations. It destroys Aphis (plant lice), Thrips, Leafhoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated.

PRICES

1 oz., makes 6 gallons spray .....	\$ .35
½ lb., makes 40 to 120 gallons spray .....	1.25
2 lb., makes 160 to 500 gallons spray .....	3.50
10 lb., makes 800 to 2500 gallons spray .....	13.00

Black Leaf 40 is narcotic poison and cannot be sent by Parcel Post.



CORROSIVE SUBLIMATE

For treating seed potatoes before planting, to prevent scab, etc.

Price, ¼ pound .....	\$ .85
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Full directions sent with every package.

POWDERED HELLEBORE, STRICTLY PURE

For destroying Rose Slugs, Currant Worms and Insects on Berries, Bushes, Plants, Shrubs, etc.

Prices: ¼ lb. pkg., 20 cts.; ½ lb. pkg., 35 cts.; 1 lb. pkg., 65 cts.

Hellebore is a poison and cannot be sent by Parcel Post.

SULPHUR

Used to prevent mildew in grape vines, plants, etc. Valuable to use about the stable and poultry houses.

Price, per pound, 8 cents; per 100 lbs. ....	\$6.00
----------------------------------------------	--------

SULPHATE OF IRON

The Great Weed Destroyer

By spraying with Sulphate of Iron you can eradicate wild Mustard, Wild Radish—better known as Kale—and Wild Turnip from your grain fields.

Price, per 100-lb. bag .....	\$2.25
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Send for Descriptive Circular telling when and how to use it.

DERRISOL

Is an ideal non-poisonous, odorless, contact insecticide, which growers will find exceptionally efficient for the control of aphides, plant lice, flies, green flies, leafhoppers, thrips, red spiders, and many other soft-bodied sucking insects, as well as some small leaf-eating larvæ, such as cabbage worms, and saw fly larvæ.

Write for prices

All prices quoted in this catalogue subject to change without notice.



## BUG DEATH



Bug Death is a very tenacious powder which has been used for over twenty years by practical farmers and gardeners on potato, squash, cucumber, and melon vines, tomato and cabbage plants, rose and berry bushes and shrubs of all kinds.

It is non-poisonous, does not contain any arsenic or other poisons. It is absolutely harmless to animal life. Can be used as a spray in water or dusted on the vines dry as desired.

### Dickey Bug Death Duster



For applying Bug Death dry to small flower or vegetable gardens.

## B-D SIFTER

For applying Bug Death dry to large fields. A very effective and distinctly economical method.

Easy to operate and gives quick covering to all plants and vines requiring a top application.

## PRICE LIST

1-lb. package .....	\$ .20	100-lb. package .....	\$9.00
3-lb. package .....	.50	Dickey Duster .....	.50
5-lb. package .....	.75	B-D Sifter .....	.75
12½-lb. package .....	1.35		

Send for Circular giving full directions for using Bug Death.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cts. extra to price of 1-lb. package; 10 cts. to 3-lb.; 12 cts. to 5-lb.; 21 cts. to 12½-lb.; 9 cts. to Dickey Duster, and 14 cts. to B-D Sifter for postage.

## CUT WORM KILLER

A coarse powder for sprinkling in proximity to the vegetation to be protected. Cut worms prefer this killer as a food to vegetation and when eaten by them death results. Dead cut worms will be found wherever there is any and this compound is used. It is non-poisonous to animals except in large quantities.

## PRICE

1 pound .....	\$ .40	5 pounds .....	\$1.50
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## COOPER'S SHEEP DIPPING POWDER

The best known preparation for destroying ticks on sheep, stopping the fly, preventing and curing the scab, promoting the growth of wool and improving the appearance and condition of the flock.

Price, per packet, 50 cents. Cooper's Sheep Dipping Powder is a poison and cannot be sent by Parcel Post. Will make 25 gallons of wash.

## COPPER SULPHATE

For making Bordeaux Mixture. Write for Price.



## FISH OIL SOAP WITH TOBACCO

Makes an excellent wash for Trees, Rose Bushes and Plants, destroys insects and their eggs. Price, per pound, 40 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra for postage.

All prices quoted in this catalogue subject to change without notice.

## Greater Disease Control with the Improved Semesan Bel

The improved Semesan Bel appeals greatly to potato growers especially because of the ease and simplicity with which it can be applied. This remarkable seed potato disinfectant, now more efficient than ever, is used by the instantaneous dip method, which presents many time and labor saving advantages.

One pound of the Semesan Bel we sold last year would treat from 8 to 10 bushels of whole or cut seed. Now, with the improved Semesan Bel which we offer you, from 16 to 20 bushels of seed may be treated with the same quantity.

No increase in price but a product which reduces your cost of seed treatment by half, as well as possessing still greater disease control properties, especially with respect to scab and rhizoctonia.

The common effects of Semesan Bel are generally found to be better and quicker sprouting; considerable improvement in stands and vine growth; successful prevention or control of seed-borne diseases; improved quality; and in many cases substantially increased yields.

Certainly no progressive grower can afford to suffer the all too frequent diseased crop losses and forfeit the advantages of a remarkably effective treatment when the improved

Semesan Bel is available at an average cost of only 7c to 10c per bushel of disinfected seed.

No time consuming soaking when Semesan Bel is used! A quick dip in and out of the easily made Semesan Bel fluid mixture and the potatoes are completely covered with a protective coating of this disease destroying disinfectant.

Semesan Bel treated potatoes have produced record breaking crops, one of which was grown by R. B. Randall of Kimberly, Idaho, who summarizes his experience as follows:

"I produced, as far as I know, the best yield of potatoes in Idaho in 1926 and I am confident that at least part of my good results were due to the treatment with



Digging record crop of Semesan Bel treated potatoes on farm of R. B. Randall.

### Du Pont Semesan Bel.

"For my white potatoes I used cull seed, one year from certified stock, and on this part of the field my yield was 513 bags of 110 pounds each—more than 28 tons or over 940 bushels per acre. The crop came up 100% stand as near as I could judge."

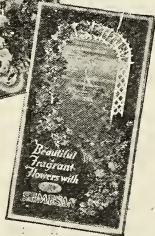
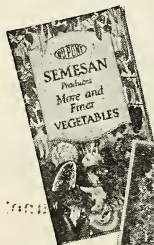
You can enjoy the same advantages of disease control, increased yield and higher quality potatoes from your crop this year by treating your seed with Du Pont Semesan Bel. Full directions for treating in free descriptive booklet.

### USE SEMESAN, JR., FOR CORN

Ear, root and stalk rots that attack America's corn crop cause an annual loss of \$200,000,000. Now, by a simple, inexpensive dusting of seed corn with Semesan, Jr., not only are the more prevalent diseases controlled but substantial yield

increases are made possible.

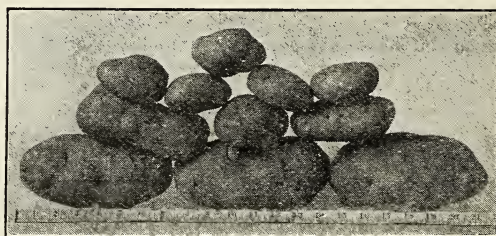
Semesan, Jr., is easily applied to seed corn by the convenient dusting method at the rate of 3 ounces to the bushel of seed.



Ask us for free crop booklets.

### SEMESAN FOR VEGETABLES

Semesan is the only organic mercury fungicide on the market which can be applied in either the liquid or convenient dust forms. This remarkable product prevents or controls a most diversified variety of the seed, plant and soil diseases that reduce the quantity and quality of crop yields.



These fine potatoes were dug from a single hill of Semesan Bel treated seed.

### PRICES

SEMESAN BEL	SEMESAN, JR.	SEMESAN
1 lb. ...\$ 1.75	4 oz. ...\$ .50	2 oz. ...\$ .50
5 lbs. ... 8.00	1 lb. ... 1.75	8 oz. ... 1.60
25 lbs. ... 31.25	5 lbs. ... 8.00	1 lb. ... 2.75
50 lbs. ... 72.50	25 lbs. ... 37.50	5 lbs. ... 13.00
100 lbs. ... 140.00	50 lbs. ... 72.50	25 lbs. ... 62.50
	100 lbs. ... 140.00	50 lbs. ... 122.50
		100 lbs. ... 240.00



## ALL PLANT LIFE MUST BE FED

Plants, like human beings, must receive the right nourishment. VIGORO is specially prepared to supply lawns, gardens, flowers, shrubbery, and trees with all of the plant-food elements needed for a rapid, sturdy, and luxuriant growth.

VIGORO is clean, odorless, and easy to apply. It can be sown by hand like grass seed.

Start right this year by using hardy, disease-free seeds and VIGORO. Your success in gardening will be assured.



**FOR LAWNS,  
GARDENS, FLOWERS,  
SHRUBBERY, TREES**

100-lb. bag .....	\$6.00
50-lb. bag .....	3.75
25-lb. bag .....	2.00
5-lb. bag .....	.60

Large returns  
Small cost

*Increase your crops*

**Mulford Cultures**

*Improve your soil*

No labor expense  
Easy to use

**FOR LEGUMES**

Legume crops, properly inoculated with nitrogen-fixing bacteria, add both humus and nitrogen to the soil and should be included in every crop-rotation program.

Inoculate all your legume crops with *Mulford Culture Concentrates*. Especially recommended because they contain enormous numbers of active, vigorous nitrogen-fixing bacteria, grown from pure tested strains.

MULFORD CULTURE CONCENTRATES are prepared with the utmost scientific care and skill. Economical. Easy to use. The sealed bottle insures purity.

They offer you the most economical and satisfactory method of adding nitrogen to your soil.

*Always specify on your order what crop you want to inoculate.*

### FOR SMALL SEEDS

Alfalfa  
Burr Clover  
Sweet Clover  
Yellow Clover  
Sainfoin  
Lespedeza  
Bieggarweed  
Crimson Clover  
Red Clover  
Alsike Clover  
Peascent Clover  
White Clover  
Mammoth Clover

1 bushel size .....\$1.00  
½ bushel size ..... .60

### FOR LARGE SEEDS

Canada Field Peas  
Garden Peas  
Sweet Peas  
Perennial Peas  
Vetch  
Lupinus  
Cow-peas  
Velvet Beans  
Peanuts  
Soy Beans  
Mung Beans  
Garden Beans  
Lima Beans

1 bushel size .....\$ .60

### POSTPAID

Garden size (composite culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas) ..... .35

**FREE DESCRIPTIVE FOLDER SENT UPON REQUEST**

All prices quoted in this catalogue subject to change without notice.



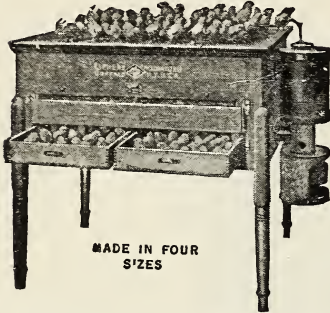
Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

WE ARE AUTHORIZED AGENTS FOR

**CYPHERS COMPANY INCUBATORS**

MADE IN FOUR DIFFERENT SIZES

For the season of 1929 we offer our customers the Cyphers Incubator Company's complete line of incubators.



MADE IN FOUR SIZES

**Standard Cyphers Incubators**

These are machines that for over a quarter of a century have been recognized as the "standard hatchers of the world." Tens upon tens of thousands of them have been sold and are in SUCCESSFUL USE IN EVERY CIVILIZED COUNTRY ON THE GLOBE. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in ALL CLIMES, under WIDELY DIFFERENT CONDITIONS, in the hands of all sorts of people. They are built to hatch AND TO LAST. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial.

*Standard Cyphers Incubators*

Are built in four popular sizes and at prices as follows: 70 eggs, price complete, \$30.00; 144 eggs, price complete, \$40.00; 244 eggs, price complete, \$54.00; 390 eggs, price complete, \$65.00.

**NEWTOWN****Coal Burning Colony Brooders**

MADE IN THREE SIZES—A SIZE TO SUIT YOUR NEEDS.

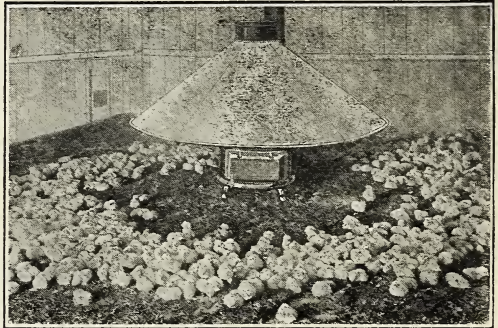
The great time, labor, fuel and chick saver.

The Newtown Colony Brooder has established itself on thousands of poultry plants as an important factor in the successful rearing of chicks.

It has been thoroughly tested by prominent poultrymen, and proven to be the most efficient and economical brooder they have ever used.

The Number 11 and 12 brooders have extra large heat radiators around the top of the heater, also have a smoke box ell at the base of the smoke pipe that keeps all dirt off the damper discs.

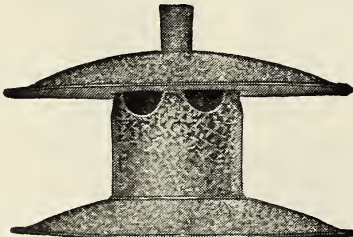
These two special features are on the Number 11 and 12 only and not on the Number 7.

*Newtown Colony Brooder*

We recommend the Number 11 size brooder for the average poultryman.

Size	Capacity	Price	Size	Capacity	Price
Number 7.....	300 chicks.....	\$23.50	Number 11.....	500 chicks.....	\$32.50
			Number 12.....	1000 chicks.....	\$40.00

Send for circular giving full description of the Brooder.

**The Putnam Brooder Heater**

A very inexpensive, efficient Brooder Heater. This heater is made entirely of brass and galvanized iron and is practically indestructible.

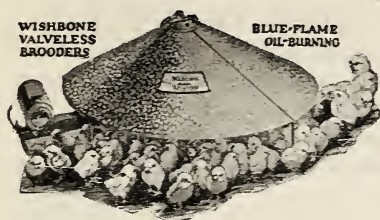
Very simple in construction and economical to operate, consuming less than 1 gallon of oil per month. The construction of the brooder stove is such that the heat is radiated above on the backs of the chicks. The oil tank becomes slightly warmed by conduction from the burner, thus keeping the floor of the brooder warm and dry.

With this Brooder Heater it is a very simple matter to make a Home Made Brooder. Send for plans for building a

Home Made Brooder with the use of the Putnam Brooder Heater—mailed free on application.  
Price of Brooder Heater, \$4.75 postpaid.

All prices quoted in this catalogue subject to change without notice.





## BROODER THE WISHBONE

Valveless — Blue Flame  
Saves All Worrying About  
the Coal Supply

In some sections it is sometimes difficult to get coal and a good quality of coal, but it is never hard to get kerosene oil.

The Wishbone Oil-Burning Brooder is vastly superior to any type of oil-burning brooder invented, also more convenient and much cleaner than a coal-burning brooder.

This brooder is very simple in construction, having but very few parts and no valves to get out of order, and very simple and economical to operate.

The burner is very powerful, giving a hot blue flame.

### *Sizes and Prices*

Number 22—with 22-inch canopy—capacity	100 chicks.....	\$12.00
Number 32—with 32-inch canopy—capacity	350 chicks.....	16.00
Number 42—with 42-inch canopy—capacity	500 chicks.....	19.00
Number 52—with 52-inch canopy—capacity	1000 chicks.....	22.00

## Center Lamp Portable Hover

This hover is constructed of heavy galvanized iron. It is a well-known fact that wood hovers provide cracks for mites and other vermin and unquestionably the sanitary is superior in that it can be easily cleaned and sprayed, so there can be no chance for vermin to live. It is very simple of construction, and very durable.

It is portable and can be picked up and carried around with ease and used anywhere, making it unnecessary to build an expensive brooder house.

The lamp holder can be lifted out through the top by a person standing up and the lamp removed in an instant without disturbing any of the chicks. The peep hole is so placed that the operator can see his lamp flame without even stooping.

Price complete .....\$7.50

Send for circular giving full description of this hover.

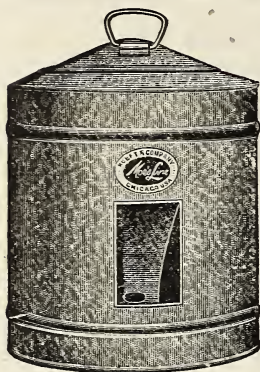


## NEWTON OIL BURNING BROODERS

No. 500—capacity	200 chicks .....	\$17.50
No. 501—capacity	350 chicks .....	19.00
No. 502—capacity	500 chicks .....	21.50

Write for descriptive circular.

All prices quoted in this catalogue subject to change without notice.



## MOE'S INSULATED FOUNTAINS

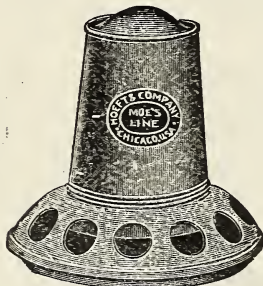
Thick double walls packed with an efficient insulating material, which keeps the water at an even temperature in winter or summer.

Feeds the water automatically, no valves or springs. Made of heavy galvanized iron with strong carrying handle.

No.	Capacity	each
5	2 Gallons .....	\$3.50
6	3 " .....	4.00
7	5 " .....	5.00

*Parcel Post Extra*

## MAGAZINE CHICK FEEDER AND WATERER



The top magazine is water and air tight, so can be used as a Feeder or Fountain. Adjustable for various kinds of Feed. Capacity 2 quarts.

No. 18 .....75c each

If sent by Parcel Post to any point within 150 miles from Bangor, add 10 cents extra for postage.

## BANNER ROOT CUTTER

*Number 7 — Exclusively for Poultry*

It cuts fast and is easy-running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel.

An iron gate in bottom of hopper lets dirt and gravel escape before reaching the knives. In this cutter we offer the poultrymen a low-priced, high-grade, nicely-finished and mechanically constructed machine, and feel that anyone who desires to feed roots and vegetables to their flocks can well afford to own one. Two to five minutes will cut enough feed for a large flock of fowls.

Price .....\$9.00



## GALVANIZED POULTRY NETTING

Made from Number 20 selected steel wire, in 1-inch and 2-inch mesh.

This netting has hexagon mesh, double twist with two-strand selvage; 150 lineal feet in a roll and galvanized after weaving. We carry this netting in stock in the following widths:

*1-inch Mesh*

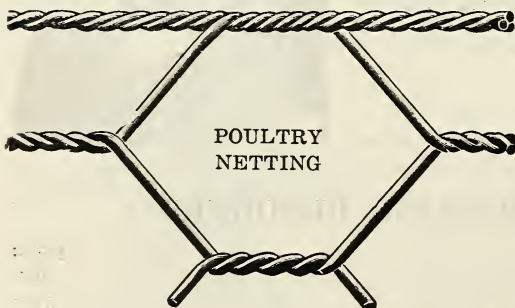
12, 18, 24, 30, 36 and 48 inches wide.

*2-inch Mesh*

12, 18, 24, 30, 36, 42, 48, 60 and 72 inches wide.

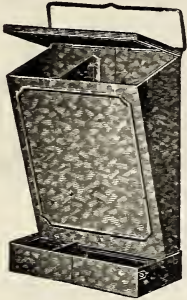
Sold in full rolls of 150 lineal feet only. Write for prices.

All prices quoted in this catalogue subject to change without notice.





## Nesco Dry Food Hopper and Sanitary Shell and Grit Box



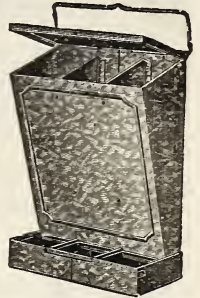
*Dry Food Hopper*  
Price \$1.10

These are made of heavy galvanized iron, practically indestructible and will last a lifetime with ordinary usage. They are practical labor and food saving devices.

THE DRY FOOD HOPPER has two compartments—a large one for grain mixtures, holding about six quarts, and a small one for beef scraps, holding about three quarts.

THE SANITARY GRIT AND SHELL BOX has three compartments for grit, oyster shells and charcoal. Can be used for dry food hopper where a small flock is kept.

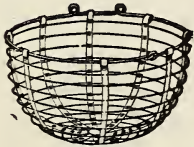
If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cts. each extra for postage.



*Grit and Shell Box*  
Price \$1.25

## WIRE NESTS

*Easy to Keep Clean, Vermin-Proof, Indestructible*



These nests are strongly made from coppered wire reinforced with coppered steel ribs, and will last for years. They are intended to fasten to the wall with screws or screw hooks. There is no room for lodgment of lice or vermin of any kind; they are easy to keep clean, and are far superior to wooden boxes.

Price, 30 cents each, \$2.75 per dozen.

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents each or 18 cents per dozen for postage.

## Norwich Automatic Exerciser and Feeder

This machine is constructed of heavy galvanized iron and is absolutely rat-proof and rain-proof. A great grain saver, as well as poultry exerciser. It is very simple in construction, nothing to get out of order. Send for circular giving full description.

### PRICES

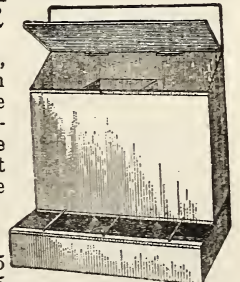
Number 1— 8 Quart Hopper .....	\$5.50
Number 2—14 Quart Hopper .....	6.00
Number 3—20 Quart Hopper .....	7.00
Number 4—32 Quart Hopper .....	8.25

## 1-2-3 POULTRY FEEDER

For Dry Mash, Scraps, Shells, Grit, Charcoal, or any poultry feed. When used for one kind of feed only take out separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

### PRICE

1-2-3 Poultry Feeder .....	\$1.35
1-2-3 Grit and Shell Feeder .....	.75



*The Norwich Automatic Exerciser and Feeder*

If sent by Parcel Post to any point within 150 miles from Bangor, add 15c for postage.



## FOR ROUP, CANKER, WHITE DIARRHEA

Fed in drinking water—kills the germs. No Poison—Clean. The new and better way to prevent poultry diseases. Leading poultrymen and authorities recommend it.

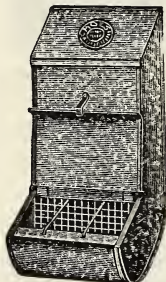
ASK FOR BULLETIN 213

Quarts .....	\$ 1.25
1 Gallon Jugs .....	3.00
5 Gallon Jugs .....	12.50

If sent by Parcel Post add 15 cts. to price of qts. and 25 cts. to price of gals. Five gals. by express or freight only.



## MOE'S DRY MASH HOPPER



A Dry Mash Hopper of great merit, made of heavy galvanized iron. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

The sloping top prevents the birds from roosting on the hopper. When both covers are closed it is rat, mouse, and weather proof.

### PRICES

Number 35—10-quart .....	\$1.75
Number 36—14-quart .....	2.25
Number 13—22-quart .....	2.75
Number 37—32-quart .....	3.00

If sent by Parcel Post to any point within 150 miles from Bangor add 20 cts. for postage to any of the above sizes.

## STAR FOUNTAIN AND FEEDER

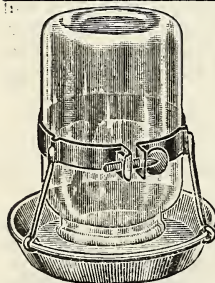
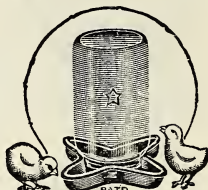
Very popular, convenient, practical, low in price, and durable.

Made of a single piece of heavy non-rusting metal. Can be used for feed or water. Little chicks cannot drown.

Made in one size only, will fit any Mason Jar, in sizes 1 pint, 1 quart and 2 quart.

Price .....15 cts. each, postpaid

This price does not include the jar.



## FELKER'S HANDY ATTACHMENT

*To be used with any make of Fruit Jar*

### A PERFECT FEEDER

*For Sour Milk, Water, Hard Grain or Grit*

The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The *Handy* is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar—the *Handy* fits them all.

Price.....25 cts. each      Postpaid.....35 cts. each

This price does not include the jar.

## LITTLE PUTNAM STOVE

This stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil. The stove, with any kind of usage, will last a lifetime.

This stove is used under the drinking vessels of the poultry house to keep the water from freezing and as the heat element for oat-sprouter.

Price .....\$1.95 each, postpaid



All prices quoted in this catalogue subject to change without notice.



## THE JUNIOR CHICK FEEDER

It is practical and sanitary. Will not waste feed. Chicks cannot foul it. Can be used for dry mash, hard grain, sour milk or water. Made in two sizes, 12-inch and 20-inch.

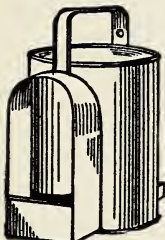
### PRICES

12 inch .....	25 cents
20 inch .....	40 cents

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cts. each extra for postage.



12-inch Junior Feeder



## GALVANIZED WALL FOUNTAIN

These fountains are made of the best galvanized iron. They are extra convenient to handle and are more sanitary than the ordinary fountains that stand on the ground or floor. They are flattened on the back so that they can be hung on the wall or against a post.

### PRICES

1 gallon .....	\$ .90	2 gallon .....	\$1.15
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If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cts. each extra for postage.

## SEPARABLE DRINKING FOUNTAIN

Made of heavy galvanized iron, and are low-priced, easy to clean, and will last many years.

### PRICES

1-quart size .....	\$ .25
2-quart size .....	.35
4-quart size, No. 24 .....	.75

If sent by Parcel Post to any point within 150 miles from Bangor, add 10 cts. each extra for postage.



## PEERLESS SANITARY DRINKING FOUNTAIN

The water is always pure, it is protected from dirt and filth. The fowl cannot injure their combs when drinking, easy to clean and fill, simple in construction, durable and practical. Made of heavy galvanized iron.

### PRICES

Large Size. Holds about 10 quarts .....	\$1.25
Medium Size. Holds about 5 quarts .....	.90
Small Size. Holds about 1 quart .....	.35

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cts. each extra for postage.



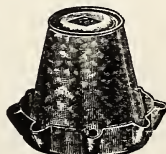
## NESCO ECONOMY CHICK FOUNTAIN

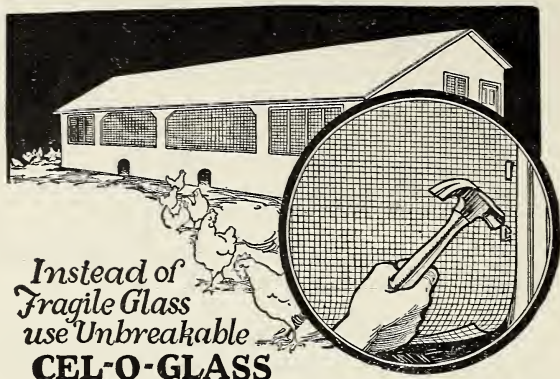
Made of heavy galvanized iron, very simple in construction and durable. An excellent fountain for little chicks. Being separable they are easy to clean and are so constructed that the chickens cannot get into the pan.

The diameter of the pan is 5 inches, the height of the fountain is 4 inches.

Price .....	25 cents
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If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cts. extra for postage.



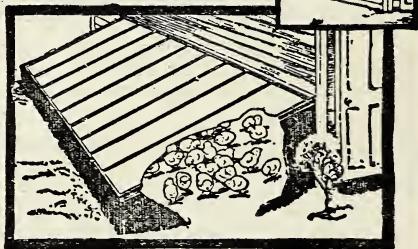


Cel-o-Glass is an unbreakable, durable, weather-proof material that has all the advantages of glass. It is extremely light in weight. It is fastened in place with a hammer and a few tacks. Can be cut to size with an ordinary pair of shears. Comes in 50 and 150 ft. rolls, 36 inches wide. Just the thing for poultry houses, cellars, etc.

Full Rolls .....	\$ .14 sq. ft.
Less than full rolls .....	.15 sq. ft.

## GLASS CLOTH Makes Healthy Chicks

Glass Cloth is the wonder material used in poultry houses that lets in the sun's ultra-violet rays and prevents rickets, leg-weakness and death loss among baby chicks. (Ordinary glass stops these rays.) Chicks grow very fast and mature early. Used all over the country with wonderful success. Users around here say results are amazing. Come in and see it. Look at a sample.



Try it. It is a big poultry profit maker.



## Ideal for HOT BEDS

Gardeners everywhere use Glass Cloth because it is so cheap, holds heat so well and gets better results. Makes stronger, hardier plants that transplant better, mature earlier and yield bigger

crops. Easy to put up. Let us show it to you. Width, 36 inches.

Full Rolls—10, 15, 50, 100 yds. each .....	\$ .35 sq. yd.
Less than full rolls .....	.40 sq. yd.





## GRAYLAWN FARM LOUSE-CHASE

For all farm animals. "Kills the lice or costs you nothing."

SURE—SAFE—ECONOMICAL

Guaranteed to kill if used as directed.

### PRICES

Small package .....\$ .50

Large package .....\$1.00

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cts. extra for postage.

## MASTER BREEDER CHICK BOXES

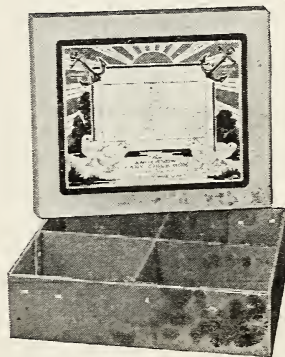
The Master Breeder Chick Box is made according to the standards of the International Baby Chick Association and is the result of consultation with successful hatchery men in all parts of the country covering their experience with thousands of shipments and hundreds of thousands of chicks. This box is the safe, sure way to ship chicks.

Put up complete with staples in lots of one dozen.

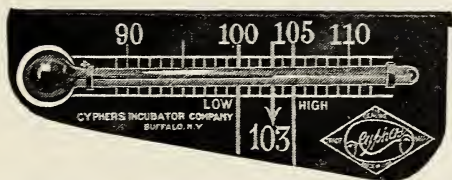
	Each	Doz.
25 chick size .....	20c	\$1.65
50 chick size .....	25c	2.25
100 chick size .....	35c	3.25

Quantity, price on application.

Add 25c postage for 1 doz. 50 boxes, and 18c postage on 1 doz. 25 boxes. The larger size sent by express collect.



## CYPHERS INCUBATOR THERMOMETERS



These thermometers are thoroughly and expertly tested before leaving the factory.

Price, 90c each. By Parcel Post, postpaid, 95c each.

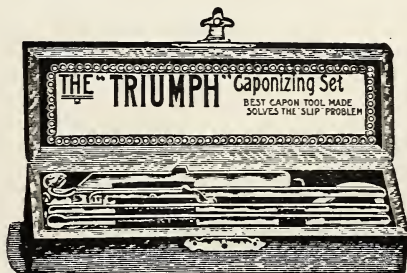
### CYPHERS BROODER THERMOMETERS

Price, 90c each. By Parcel Post, postpaid, 95c each.

## THE TRIUMPH CAPONIZING SET

There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple. With a "Triumph Caponizing Set" anyone can perform it with safety and thoroughness.

Price, postpaid, per set .....\$3.00



All prices quoted in this catalogue subject to change without notice.



## INTERNATIONAL STOCK FOOD TONIC

*Three Feeds for One Cent*

**BIGGER LIVE STOCK PROFITS**

*For Cows, Horses, Hogs and Sheep*

You can greatly increase the flow of milk of your cows, get better and more work out of your horses, and rapidly increase the weight of your hogs and sheep through the use of this food tonic.

FOR COWS, it causes the nutritious elements of their grain feed to be assimilated and thereby provides more milk and butter fat.

FOR HORSES, it enables them to more perfectly digest and assimilate their food, thereby preventing a great waste of grain passing through the system unassimilated. This means greater strength and endurance.

FOR HOGS, it causes all feed given them to assimilate into the system, which causes extra weight.

In packages, 25 cents, 50 cents, \$1.00; 25-pound pails, \$3.00.

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents to price of 25-cent package, 12 cents to price of 50-cent package, 15 cents to price of \$1.00 package, and 32 cents to 25-pound pail.

## INTERNATIONAL POULTRY TONIC

*Make more money with your poultry by using International Poultry Food Tonic.*

Helps to make hens lay more eggs and helps to keep poultry healthy.

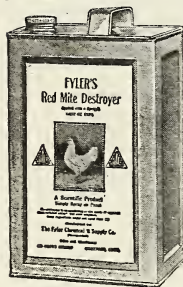
In packages, 25 cents, 50 cents, \$1.00.

If sent by Parcel Post, add same rates as given on International Stock Food Tonic.

## INTERNATIONAL LOUSE KILLER

A dry powder for killing all forms of insect life and lice on poultry and animals. It is reliable, safe and sure. Price .....25 cents

If sent by Parcel Post to any point within 150 miles from Bangor, add 8 cents extra for postage.



## FYLER'S RED MITE KILLER

A safe and sure liquid for killing all insects affecting poultry or stock.

One of the very best liquid lice and mite killers manufactured.

Walls, roosts, supports, nests, etc., should be thoroughly sprayed or painted.

Full directions for use on each can.

Prices: One-quart can, 65 cents; 2-quart can, 90 cents; 1 gallon can, \$1.50.

If sent by Parcel Post to any point within 150 miles from Bangor, add 15 cts. to price of 1-quart can, 18 cts. to price of 2-quart can, add 25 cts. to price of 1-gallon can each extra for postage.

## C. G. S.

### FOLDING POULTRY CRATE

*Unequalled—Strong as a Steel Box*

Frame reinforced by spring steel wires that are difficult to bend or kink, and cannot be crushed when full of birds and stacked.

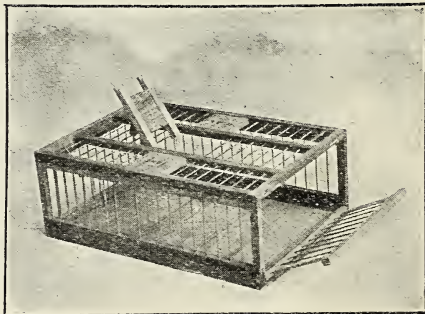
This crate opens at the top for removing one bird at a time, or end gate can be opened outward, thus discharging a crate full of birds at one time.

When empty this crate is folded inward, and is securely locked, making a very compact package for shipment which is a great saving in freight or express.

Easily cleaned—weight 21 lbs.

Price .....\$3.25

*By express or freight only*



All prices quoted in this catalogue subject to change without notice.



**DR. HESS ROUP TABLETS**

This roup remedy is administered to fowls in their drinking water. The fowls take their own medicine. This is almost the only method by which it is practical to cure roup. No poultryman can afford to be without this cure.

It is guaranteed to relieve roup when it is used according to directions except where the fowls are in the last and incurable stages of the disease.

PRICES, *Postpaid*

Package .....50 cts.

**DR. HESS WORM POWDER**PRICE, *Postpaid*, 1½ pkg. ....50 cts.**DR. HESS DIARRHEA TABLETS**

*A Certain and Guaranteed Remedy for Bowel Trouble and White Diarrhea in Young Chickens and Scours in Fowl and Pigeons*

A positive cure and preventive for White Diarrhea seems too good to be true, for this scourage has driven more poultrymen out of business than any other disease. Millions of chickens die yearly from this trouble, which could be saved if Dr. Hess Diarrhea Remedy was used. Poultrymen should not wait until their chickens become diseased, but should use it as a preventive. It does not stunt the chicks or cause them to stop growing, but aids them to become strong and healthy. It is used in the drinking water. The chickens and fowl take their own medicine.

It is sold under a positive guarantee to give satisfaction, or purchase price is refunded. Each package contains sufficient remedy for treating several flocks. Full directions on each package.

PRICE, *Postpaid*, Package .....50 cts.**DR. HESS INSTANT LOUSE KILLER**

This is a scientifically compounded powder for killing all forms of insect life on fowls and is equally good for destroying lice on cattle and horses, ticks on sheep and fleas on dogs. It is different from many of the so-called Lice Powders on the market, inasmuch as instead of driving the lice from the fowl's body, it kills them. While it is sure death to all kinds of insect life generally afflicting fowls and animals, it is harmless when used according to the plainly printed directions on each package.

PRICES

16-ounce package, 25 cents

40-ounce package, 50 cents

If sent by Parcel Post to any point within 150 miles of Bangor, add 8 cts. to price of 16-ounce package, and 12 cts. to price of 40-ounce package each extra for postage.

**LAMBERT'S DEATH TO LICE**

A cheap, effective and harmless powder for killing lice on poultry, horses, cattle, etc. It is especially recommended for lice on laying and setting hens, it will not injure the eggs, hens or chicks.

PRICES

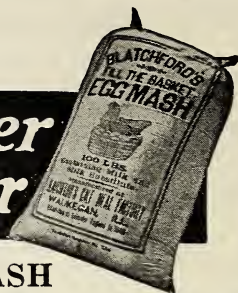
15-oz. package, 25 cents; 48-oz. package, 50 cents

If sent by Parcel Post to any point within 150 miles of Bangor, add 8 cts. to price of 15-oz. pkg. and 12 cts. to price of 48-oz. pkg. extra for postage.

All prices quoted in this catalogue subject to change without notice.



# Make every layer a winter payer



## BLATCHFORD'S EGG MASH

Blatchford's "Fill the Basket" Egg Mash is a perfect, complete food for encouraging the natural egg-laying functions to greater results and contains nothing resembling a drug.

It starts the pullets laying at five to six months of age, keeping them in perfect health all the time.

The average hen will consume a pound a week, costing less than six cents, but her results will surprise you during both winter and summer.

In 25-lb. and 100-lb. bags. Prices furnished on application.



## BLATCHFORD'S MILK MASH

Chicks started on Blatchford's Milk Mash are never bothered with diarrhea. It nourishes the same as whole milk, and the chicks you save by it will prove the wisdom of its use.

Milk-fed broilers are being successfully raised on this Milk Mash. They grow rapidly to big birds and command top prices on account of their size and choice quality of meat.

Five pounds will raise a chick to the age of three months.

In 4-lb. packages, 25-lb. and 100-lb. bags. Prices furnished on application.

## BLATCHFORD'S PIG MEAL

Wean your little pigs easily, quickly and safely on our complete milk-equal for pigs.

Blatchford's Pig Meal contains just the right percentages of vegetable protein, fat, moisture, ash, etc., for this work. It keeps them growing sturdily, rapidly and profitably, instead of taking on excess fat. It grows bone and solid flesh, prevents losses of growth and vitality during the critical weaning period and always makes the runts catch up.

Price furnished on application.



## BLATCHFORD'S CALF MEAL—The Complete Milk-Equal



This is in reality a substitute for milk—and should not be considered as an ordinary "feed" or "meal."

It contains all the elements of milk and when properly prepared becomes a "baby food" for calves and colts. It is just the thing for weaning calves as soon as they can be taken away from the cow. Then all the milk may be sold and you get the benefit of the high creamery prices.

It is absolutely the only milk-substitute that contains all the elements necessary for rapid and healthy growth, and the only calf meal that is thoroughly cooked and prepared for digestion.

Will push calves and colts forward better and quicker than any other food.

100 pounds make 100 gallons of Complete Milk-Equal.

Prices furnished on application.

All prices quoted in this catalogue subject to change without notice.

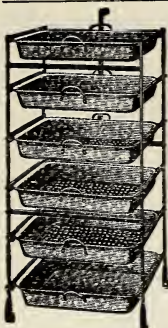


**ECONOMY OAT SPROUTER***The Natural Process for Sprouting Oats and Other Grains*

Containing five galvanized sprouting pans and one galvanized drip pan, 16x17 inches. Black enameled iron stand, 35 inches high. The need of green food by poultry during the winter months is too generally overlooked. It is often the lack of green stuff that causes a shortage of eggs. Sprouted oats are one of the best, cheapest, easiest supplied green foods that can be used. The birds are very fond of them and eat sprouts, roots and all greedily.

Price .....\$7.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 45 cents extra for postage.

**THE COLLINS OAT SPROUTER**

A very practical, quick growing, perpetual, sectional, fireless oat sprouter.

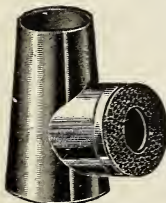
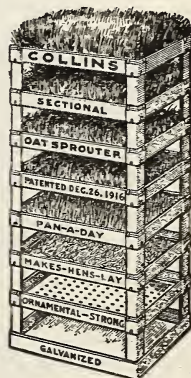
It is made up of 8 pans, 7 perforated and 1 drip pan. The size of the pans is 11 inches by 15 inches and 1 1/4 inches deep.

Made of high-grade, thoroughly galvanized steel. One pan for each day in the week and a drip pan at the bottom.

Put up in corrugated cardboard cartons, 16 inches by 11 1/4 inches and 4 inches deep. Very quick and easy to set up.

Price .....\$4.25

If sent by Parcel Post to any point within 150 miles from Bangor, add 20 cents extra for postage.

**X-RAY EGG TESTER**

Made of the best block tin and designed to use on any hand lamp.

Price, 50 cents each. If sent by Parcel Post to any point within 150 miles from Bangor, add 5 cents extra for postage.

**LEG BANDS**

Made in five sizes. No. 1 for Bantams and small Mediterraneans. No. 2 for Mediterraneans. No. 3 for American females, double clinch. No. 4 for American males, Asiatic females, small turkeys. No. 5 for Asiatic males and turkeys. Made of aluminum with large raised numbers.



Double Clinch

Prices Postpaid: 18c per 12; 30c per 25; 50c per 50; 90c per 100.

Flat colored aluminum bands with the numbers in black on the colored ground. Furnished in red or blue, numbered from 1-100. Adjustable to any size fowl.

Prices: 30c per 12; 60c per 25; \$1.75 per 100.



Colored Leader

**COLORLED SPIRAL LEG BANDS**

These leg bands are made in ten different colors (Amber, Black, Buff, Dark Blue, Light Blue, Pink, Ruby, Red, White and Green), which will not fade, and which, with two colors per bird, will give over three hundred combinations. They are light as a feather, will last indefinitely and are easily put on and taken off. These bands are made in five sizes: No. 1 for Asiatic, large fowl and turkeys. No. 2, American breeds. No. 3, Mediterranean breeds. No. 4, Pigeons. No. 5, day-old chicks.

Prices: Postpaid, 18c per 12; 30c per 25; 50c per 50; 90c per 100.

**LEADER ADJUSTABLE LEG BANDS**

Made from polished aluminum with strong and secure fastener. Made in two sizes: No. 1 for Bantams, Mediterraneans and American females. No. 2 for American males and all large breeds, including Turkeys.

Prices: Postpaid, 18c per 12; 30c per 25; 50c per 50; 90c per 100.

All prices quoted in this catalogue subject to change without notice.



**STERLINGWORTH POULTRY CHARCOAL**

PREPARED ESPECIALLY FOR POULTRYMEN

We have had this Charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and offer it as the best Poultry Charcoal manufactured.

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. It is put up in three sizes—Fine: For Brooder Chicks, Dry Chick Mixtures and Mash Foods. Medium: For Half Grown Fowls, Pigeons, etc. Coarse: For Full Grown Fowls, Geese, Turkeys, etc.

Price, per 50-pound sack .....\$1.75

**MICA CRYSTAL GRIT**

For Poultry, Chickens, Pigeons, Ducks, Turkeys, Geese and Birds



The only Grit containing the elements essential to the good health and egg-producing qualities of the feathered tribe.

Price: 100-pound bag .....\$1.25

**Cracked Poultry Bone**

100-pound bag .....\$5.00

**Bone Meal for Poultry and Cattle**

100-pound bag .....\$5.00

**Ground Meat Scraps**

100-pound bag .....Write for prices

**Ground Oyster Shells**

100-pound bag .....\$1.35

**Opal Nest Eggs**

Per dozen .....40c; postpaid, 45c

**Water Glass**

For Preserving Eggs

Directions for use on each package.

Prices. 1-pint can .....20 cents

1-quart can .....30 cents

If sent by Parcel Post add 10 cents to price of can for postage.

**French Poultry Killing Knife**

Every poultry raiser should have one of these killing knives. They are made of finely tempered instrument steel, with nickel handle; will last a lifetime. Price, postpaid, 65 cents.

FRENCH POULTRY KILLING KNIF  
+ CYPHERS PATTERNS +

**Village Blacksmith P't'y Kill'g Knife**

Large wood handle, with three-inch finely tempered high-grade steel blade.

On account of the size of the handle it is very convenient to use.

Price .....50 cents, postpaid

**KEEPS-'EM-FRESH EGG PRESERVATIVE**

This is a standard article that has been on the market for years. Eggs preserved in this liquid will keep absolutely fresh for a year and longer. Full directions for use come with every can. One can sufficient for from 20 to 25 dozen eggs.

Price, per can, 30 cents. If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cents extra for postage.

**Pettey's Perfect Pocket P't'y Punch**

This is all steel and nickel plated. Punches a clean hole of the right size, and will not bruise the chick's foot.

Price, postpaid .....30 cents

**TRIUMPH POULTRY MARKER**

This is one of the simplest and most efficient poultry markers ever put on the market.

Price, postpaid .....25 cents

**KNOX-'EM-ALL HORSE AND CATTLE POWDER**

A sovereign remedy for loss of appetite, indigestion, worms, colds, coughs, etc.

Price, per package .....35c; postpaid, 43c

All prices quoted in this catalogue subject to change without notice.



## QUEEN CITY EGG CASE

### Complete with Fillers

*The Most Popular Egg Case in the Market with Patent Hinges and Fastener*

Made of selected lumber and very thoroughly made—very strong and durable.

These Egg Cases are made to conform to the Express Companies' requirements, having *Extra Deep Fillers* to accommodate extra large eggs, and *Safety Cushion Egg Flats* to prevent breakage.

#### PRICES COMPLETE—Each

*With Fillings and Safety Cushion  
Egg Flats*

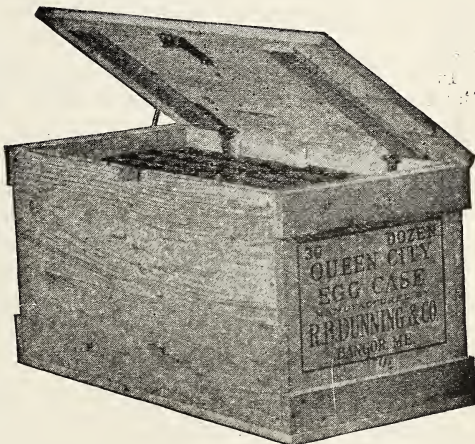
49 dozen.....\$3.10	15 dozen.....\$1.85
30 dozen..... 2.50	8 dozen..... 1.35

If sent by Parcel Post to any point within 150 miles from Bangor, add 13 cts. to the price of the 8-dozen case, 20 cts. to the price of the 15-dozen case, 30 cts. to the price of the 30-dozen case, each extra for postage.

#### FILLINGS—Per Set

56 dozen.....\$1.10	15 dozen.....\$ .30
49 dozen..... 1.00	8 dozen..... .25
30 dozen..... .55	

If sent by Parcel Post to any point within 150 miles from Bangor, add 12 cts. to the price of the 56-dozen set, 11 cts. to the price of the 49-dozen set, 9 cts. to the price of the 30-dozen set, 8 cts. to the price of the 15-dozen set, 8 cts. to the price of the 8-dozen set, each extra for postage.



## MANN'S GREEN BONE CUTTER

*The most successful hand  
or power machine on the  
market for cutting green  
bones.*

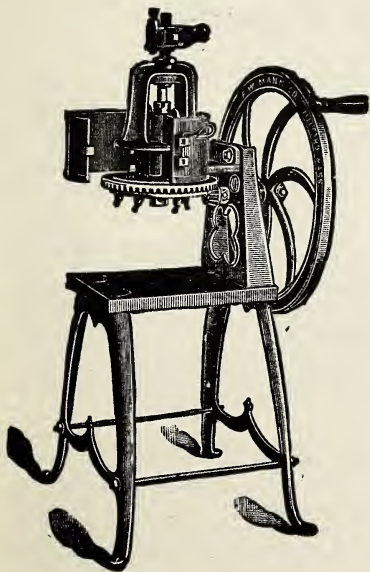
No. 5C, with crank,  
without balance wheel  
and stand, weight 30  
lbs. ....\$13.00

No. 5B, with balance  
wheel, without stand,  
weight 55 lbs. ....\$16.50

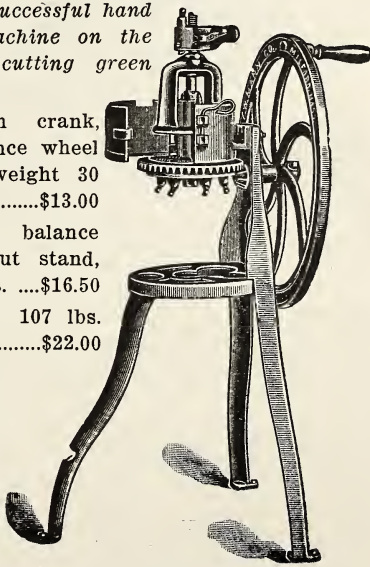
No. 7, weight 107 lbs.  
.....\$22.00

No. 9, standard  
size, weight  
163 lbs. ...\$33.00

No. 11, com-  
bined hand  
and power,  
weight 215  
lbs. ....\$50.00



No. 9. Weight 163 lbs.



No. 7. Weight 107 lbs.

All prices quoted in this catalogue subject to change without notice.



## DAIRY COW NEEDS KOW-KARE

The Great Cow Medicine  
for Cows Only



It cures scours, removes bunches from the bag, prevents cows from losing their calves, gets barren cows with calf, and makes a strong appetite and perfect digestion that produces a larger flow of richer milk. Kow-Kare has stood the test of ten years and is a complete success.

Price: 65c and \$1.25. If sent by Parcel Post to any point to within 150 miles from Bangor, add 8 cents extra to price of 65-cent size, and 10 cents to price of \$1.25 size for postage.

## WELLS, RICHARDSON & CO.'S DANDELION BRAND BUTTER COLOR

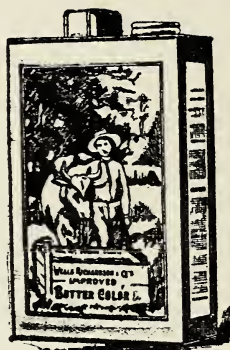
PURELY VEGETABLE

Always gives satisfaction. It is made by the aid of new and improved machinery, specially made for this purpose, thus enabling the manufacturers to use new and improved methods. It will not become rancid. It will not color the buttermilk. It gives a bright June color.

### PRICE LIST

Small size, to color about 500 lbs. ....	\$ .35
Medium size, to color about 1,250 lbs. ....	.65
Large size, to color about 2,800 lbs. ....	1.00
Cans, 1 gallon each .....	5.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents extra to price of 4-oz. size; 8 cents to 10 oz.; 9 cents to 24-oz., and 16 cents to 1-gallon size for postage.



## "COWS RELIEF"

### A PENETRATING OINTMENT STOPS DAIRY LOSSES



caused by caked bag, spider in teat, hard milkers and sore teats; makes milking easy for man and cow. Dairymen can stop losses from Caked and Gargety Bags, and Sore Teats.

A standard remedy among dairymen.

### PRICES

6-ounce size .....	\$ .50
15-ounce size .....	1.00

If sent by Parcel Post, add 8 cents extra to either size of package for postage.

## Grange Garget Cure

A sure cure for garget without injury to the cow.

Price .....60 cts.

If sent by Parcel Post, add 8 cents extra for postage.

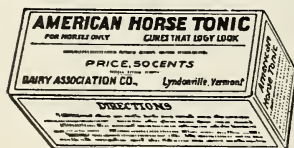


## BAG BALM

For sore teats, caked udder and inflammation.

Price .....60 cts.

If sent by Parcel Post, add 8 cents extra for postage.



## AMERICAN HORSE TONIC

Horse Tonic builds up the entire system, sharpens the appetite, puts snap in the eye, life and vim into the whole system. It is prompt in its action and is unexcelled as a worm expeller, as a cure for coughs, lost appetite, distemper, etc.

Price .....60 cents

If sent by Parcel Post, add 8 cents extra for postage.

All prices quoted in this catalogue subject to change without notice.



## HEALTH PAINT

### A Disinfectant White Paint

Health Paint is a white paint and a powerful disinfectant in powder form. Ready to use when mixed with water. Easily and quickly applied to wood, brick, stone, cement, etc., and over whitewash. One pound will cover 100 square feet. Prevents the start and spread of contagious diseases among poultry and other live stock. An effective aid in getting rid of lice and other parasites. You can spray it, brush it or dust it. Will not clog a sprayer. Doesn't spoil by standing, is always ready, and retains its strength. It dries out a pure white, and does not blister or flake off.



5 Pounds .....	\$ .75
10 Pounds .....	1.25
50 Pounds .....	5.00

Parcel Post Extra

## "VICTORY" LAWN MOWER

This machine has Ball Bearings of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore.

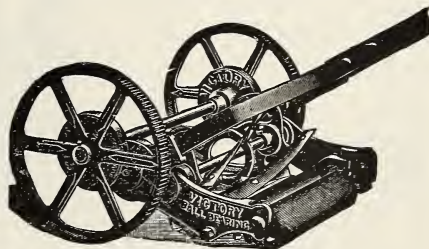
Triple gear entirely enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

The adjustments are the simplest, most perfect, and most positive.

These mowers are high-speeded and have a four-bladed reel which leaves the lawn with a very smooth and velvety surface.

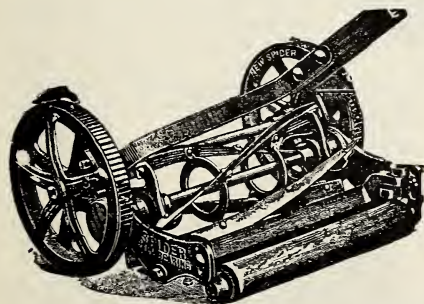
Width of Cut

		Price
14 inches.....	10-inch wheel.....	\$16.00
16 inches.....	10-inch wheel.....	18.50
18 inches.....	10-inch wheel.....	19.50
20 inches.....	10-inch wheel.....	21.00
22 inches.....	10-inch wheel.....	23.00
24 inches.....	10-inch wheel.....	24.00



## "SPIDER" LAWN MOWER

### With Ball Bearings



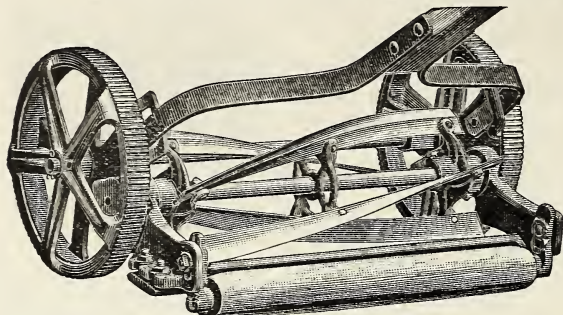
The Spider Mower is light and strong, and glides over the lawn lightly, easily, and almost noiselessly, reminding you strongly, as it nips off the grass, of the vigorous action of the ferocious and cunning little insect whose name it bears. This machine has finely adjusted, high grade ball bearings, which greatly reduce the friction and render it possible to use much wider machines than hitherto with parallel bearings.

Has two pawls in each pinion, making the machine much more positive and durable. The reel is four-bladed and high-speeded, which leaves the lawn with a very smooth and velvety surface.

		Price
Width of Cut		
14 inches.....	9-inch wheel.....	\$14.00
16 inches.....	9-inch wheel.....	15.00
18 inches.....	9-inch wheel.....	16.00

All prices quoted in this catalogue subject to change without notice.

## MATCHLESS BALL BEARING LAWN MOWER



Has four crucible steel blades and 9-inch diameter wheels. Very simple in construction; durable and easy running.

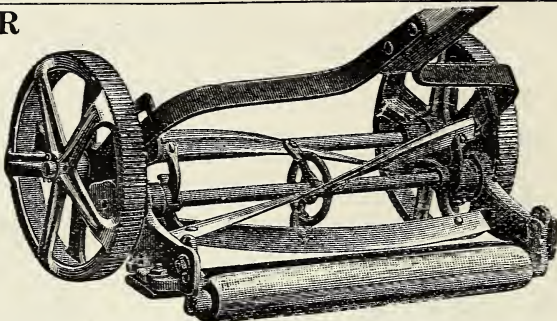
Width of Cut	Price
14 inches .....	\$11.00
16 inches .....	11.25
18 inches .....	11.50

## GLIDE LAWN MOWER

Has three revolving steel blades and 9-inch diameter wheels.

We consider this to be the best plain-bearing, low-priced mower on the market.

Width of Cut	Price
14 inches .....	\$8.50
16 inches .....	8.75
18 inches .....	9.00

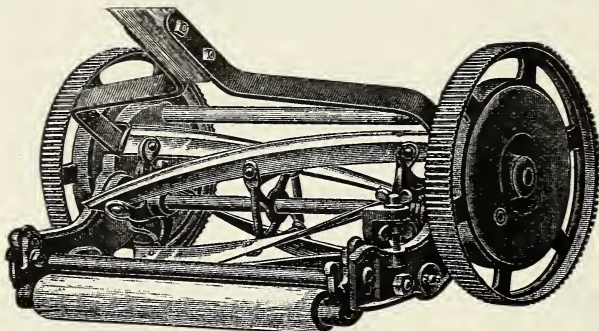


## SUPREME BALL BEARING MOWER

Has crucible steel oil-tempered blades, with four-blade revolving cutter and floating knife bar.

Very simple in adjustment, strong and durable. Drive wheels 10 inches in diameter, revolving cutter 6 inches in diameter.

Width of Cut	Price
14 inches .....	\$14.50
16 inches .....	15.00
18 inches .....	15.50
20 inches .....	16.00

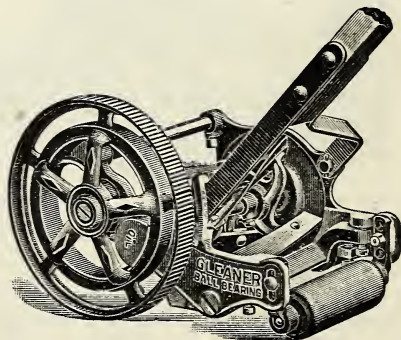


## GLEANER LAWN TRIMMER

### With Ball Bearings

Strong, light and powerful. Does what lawn mowers leave undone. Trims and edges the lawn with remarkable speed and perfection. Has 9-inch wheel, 4 steel blades and 8-inch cut. High grade in every particular.

Price .....\$10.00





## GARDEN TROWELS



- No. 02—6-inch Blue Steel Blade, Plain Handle. Price ..... 10 cents  
 No. 9—6-inch Polished Blue Enamel, Heavy Steel Blade, Polished Handle. Price ..... 25 cents

FLORIST TROWEL, Extra Heavy, Price 35 cents

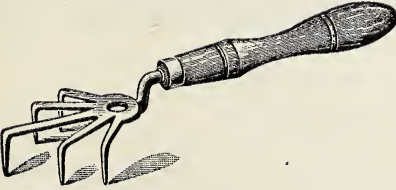
## TRANSPLANTING FORK

Polished wood handle, malleable tines.  
 Price, 20 cents



## Excelsior Hand Weeder

Japanned wood handle, malleable tines.  
 Price, 20 cents



## TROWEED

A Boon to Gardeners, Florist, Etc.  
 Combined Garden Tool.  
 Trowel - Weeder - Transplanter  
 all in one. Made extra strong.  
 Price ..... 50 cents



## NOYES' HAND WEEDER



Steel Blade. Price, 25 cents

## Haseltine Patent Hand Weeder



and Scraper

Price, 50 cents

## Weed Digger and Asparagus Knife

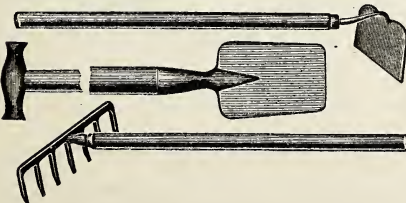
Drop forged, 10-inch blade ground sharp, fastened to solid birch handle.  
 Price ..... 60 cents



## GARDEN SETS

Well made, three pieces, with varnished handles.

- No. F3—Child's Set ..... Price \$ .60  
 No. 7—Large Boys' or Ladies' Set ..... 1.50

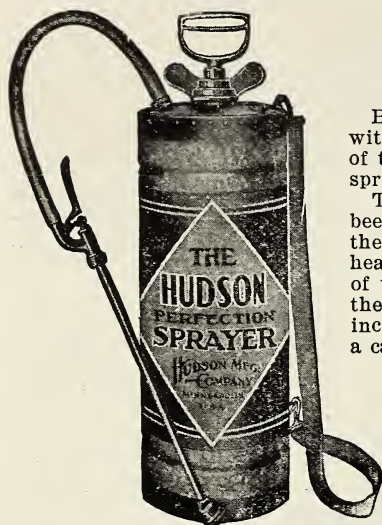


## True Vermonter Sheep Shears

Single bow, full polished, swaged blades.  
 These Sheep Shears are hand-forged from high quality cutlery steel.  
 Price ..... \$1.50



Any of the above tools on this page if sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents each extra for postage.



## "PERFECTION" KNAPSACK SPRAYER

### A High Pressure Sprayer

Built on the best lines, of high-grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many Knapsack sprayers heretofore on the market.

The tanks are made of heavier metal than has ever been used in sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, a single seam runs lengthwise of the tank. This seam is reinforced by rivets, making the tank practically unbreakable. The pump is 1½-inch seamless brass tubing with a brass valve. Has a capacity of four gallons.

### PRICES

No. 110G—Galvanized Steel .....	\$ 7.00
No. 110B—All Brass .....	10.00

This sprayer will handle whitewash, water, paints, Bordeaux mixtures, etc., perfectly.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage.

## HUDSON JUNIOR SPRAYER

### Compressed Air Sprayer

Strong, simple compressed air sprayer, equipped with a clog proof nozzle. It is of balanced construction and guaranteed against mechanical defect. Only the best of materials are used in the construction of this sprayer. Made with 2½-gallon galvanized tank. A brass air pump is located inside the solution tank protected from injury. The metal in the tank is lock seamed and well riveted inside and out. The pump is locked to the tank by means of a malleable cap, which screws on to the brass tank collar. Very simply operated.

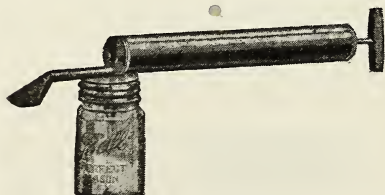
Used for spraying field crops, shrubs, vines, poultry houses, disinfectants and general purposes. Shipping weight 8½ pounds. Equipped complete for spraying with 12-inch brass extension rod, hose and fine no-clog spray nozzle.

No. 140G—Galvanized Tank, with Auto-Pop .....\$6.00

If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage.



## LOWELL POWDER DUSTER



Easy to operate. Fill reservoir with dry powder, such as Paris Green, Hellebore, powdered Arsenate of Lead, etc. Size of spray regulated by operation of plunger. Elbow reversible, enabling operator to spray up or down.

Pump cylinder 1¾ inches diameter, 14 inches long. Length over all, 21½ inches. Reservoir, one pint Mason Fruit Jar.

Price ..... 85 cents

If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage and packing.

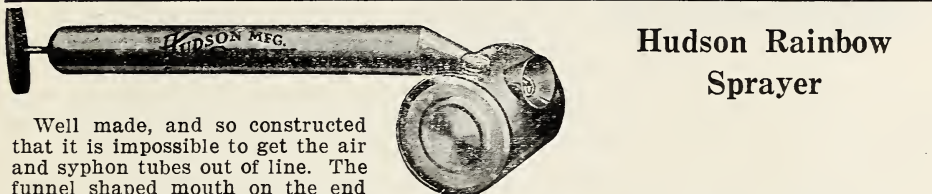


## Hudson Misty Sprayer

One of the best selling quart size sprayers made, and one that is a universal favorite. Constructed of the very best tin, and made strong, simple and neat in appearance. The point of pump passes through the tank and is firmly soldered, making it very strong and rigid. Spray tube is carefully aligned before soldering, so that the air and syphon tubes are always in line. Made of good stock, carefully tested and inspected.

Price ..... 50 cents

*If sent by Parcel Post see instructions for postage at bottom of this page.*



## Hudson Rainbow Sprayer

Well made, and so constructed that it is impossible to get the air and syphon tubes out of line. The funnel shaped mouth on the end of the air pump aids in directing the spray, which is a very desirable feature. It is a very serviceable sprayer for any and all work. Constructed of best quality of tin with a tank capacity of one quart.

Price ..... 60 cents

*If sent by Parcel Post see instructions for postage at bottom of this page.*

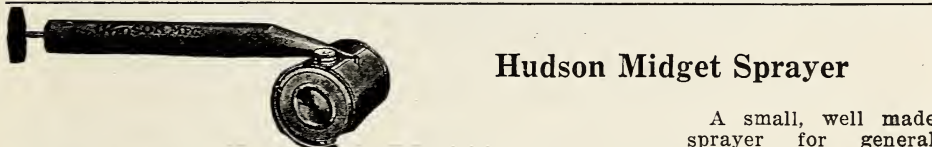
## Hudson Continuous Sprayer

A handy sprayer that gives a continuous spray. Made of heavy tin with two brass nozzles—one direct and one slanting—brass ball check valve and brass spray tube. Very easily taken apart for cleaning. Capacity one quart with fourteen-inch pump tube.

Very valuable for fly oil, insecticides and disinfectants.

Price ..... 80 cents

*If sent by Parcel Post see instructions for postage at bottom of this page.*



## Hudson Midget Sprayer

A small, well made sprayer for general purposes, and especially adapted for use in and about the home. Will handle all kinds of liquids satisfactorily. The pointed nose of the pump passes through the top of the tank, keeping the air nozzle and spray tube always in line, and adds considerably to the strength of the whole sprayer. Made of first-class materials and carefully tested. Capacity about  $\frac{3}{4}$  pint.

Price ..... 35 cents

*If sent by Parcel Post see instructions for postage at bottom of this page.*

## Hudson Cadet Duster

The Hudson Cadet Duster is adapted for use with all insect powders. Because of its size and efficiency it is a favorite with the housewife in applying roach, ant, and various bug powders. It is frequently used around restaurants, soda fountains, offices, stores, etc.

Price ..... 50 cents

*Any sprayer on this page if sent by Parcel Post to any point within 150 miles from Bangor, add 20 cents extra for postage and packing.*



All prices quoted in this catalogue subject to change without notice.

## KNOX-EM-ALL FLY OIL

## THE BEST THING ON THE MARKET



For ridding Horses and Cattle of flies and all insect pests. And Poultry of lice and mites. Gad Flies will not work on Sheep and they will not have Grub in the head. Inoffensive and harmless to persons and stock. Deadly to flies and lice. One hundred per cent more lasting in effect than any other kind.

Contains no fish oil or other objectionable ingredient. Can be used freely on Cows' Bags without inconvenience to milker or injury to the milk.

Cows give more milk and pay \$8 to \$10 per head more during the season at a cost of about 50 cents per cow. It can be used on horses without gumming or otherwise injuring the hair, and affords instant relief, making them thrive and drive better.

Directions:—For flies apply freely with a good sprayer. For lice spray the roots, nest, and all places where vermin find lodgment, including the poultry when on the roosts.

Price, per gallon, \$1.00. If sent by Parcel Post to any point to within 150 miles from Bangor, add 22 cents per gallon extra for postage.

## CREONOID FLY OIL

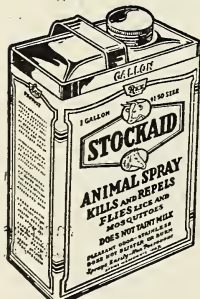
## Creonoid is a Fly Spray and Lice Destroyer

It is useful in keeping flies away from cows, mites away from chickens, and ridding hogs of lice. As a result cows give more milk, chickens lay more eggs, and hogs increase in weight. The use of Creonoid brings the farmer a larger revenue, a better profit. We have sold Creonoid for many years and recommend it, based on our experience with numerous satisfied customers.



Price, per gallon, \$1.25. If sent by Parcel Post to any point to within 150 miles from Bangor, add 22c per gallon extra for postage.

## STOCKAID FLY OIL



Stockaid is the scientifically developed combination insecticide and lingering insect repellent. All obnoxious constituents common to products of this nature which cause bad odors and flavors have been removed through special processes. The result is a liquid which forms a protective vapor when sprayed that is harmful only to flies and other insects. Stockaid can be freely used on all domestic animals without harmful or irritating results. Stockaid does not taint milk. Stockaid is the scientific animal spray that was developed through Rex Research work.

Price, per gallon, \$1.75. If sent by Parcel Post to any point to within 150 miles from Bangor, add 22c per gallon extra for postage.

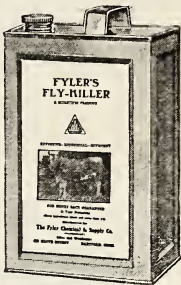


FYLER'S FLY-KILLER

Keep Cows Free From Flies and Make  
More Milk

A most effective cattle spray. Light in color and body and will not clog a continuous pressure sprayer. Will also destroy lice and fleas on cattle.

A trial will convince you of its superiority.



PRICE

1 Gallon .....	\$1.25
5 Gallons .....	\$5.25

Parcel Post Extra.



FYLER'S FLY-O-CIDE

A Universal Fly Spray for the Home, Milk Room, Cattle Barn, and all other places where flies are found. Non-poisonous, stainless, with slight pleasing odor; will not taint milk or other food. Will not injure or stain woodwork, wall-paper or clothing.

*Non-Poisonous*

*No Stains*

1/2 Pints .....	\$ .50
1 Pints .....	.75
1 Quarts .....	1.00
1 Gallons .....	3.50

Parcel Post Extra.

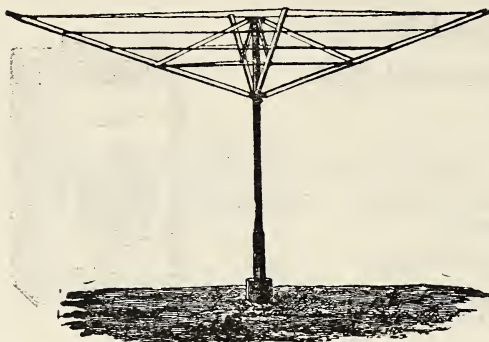
FLY-TOX

The most effective insecticide known for the killing of flies, moths, mosquitoes, roaches, bed-bugs, ants and other insects. Harmless to humans and animals and will not stain the finest fabrics. It has a pleasant odor and is very easy to use.



1/2 Pints .....	\$ .50
1 Pints .....	.75
1 Quarts .....	1.25
1 Gallons .....	3.50

Parcel Post Extra.



## EUREKA CLOTHES DRYER

*The Best Clothes Dryer  
in use*

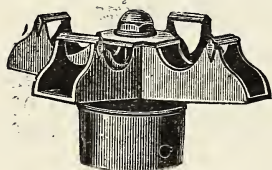
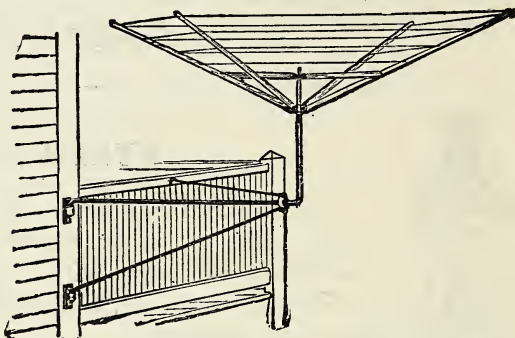
### PRICE LIST

4-arm, 7 feet long, 120 feet of cotton rope .....	\$6.50
4-arm, 7½ feet long, 150 feet of cotton rope .....	7.00

## BALCONY CLOTHES DRYER

Very simple and is most durable made. Easy to operate and nothing to get out of order.

Price ..... \$14.00

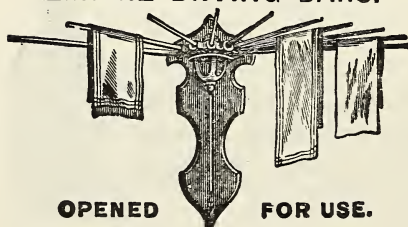


## REVOLVING CLOTHES IRONS

Can be fastened to any post, fitted for post 4½ inches in diameter. Made of cast iron nicely japanned.

Price each, \$1.75. If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents extra for postage.

## EMPIRE DRYING BARS.



OPENED

FOR USE.

This wall dryer is one of the most convenient articles of household use. It is made to screw to the wall and when not in use can be closed so as to occupy very little space.

Price, \$1.10

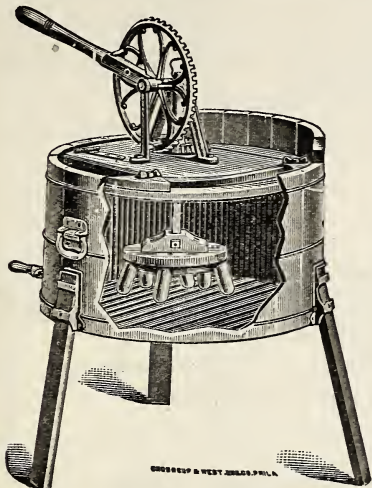
If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents extra for postage.



CLOSED



## LIGHTNING WASHER

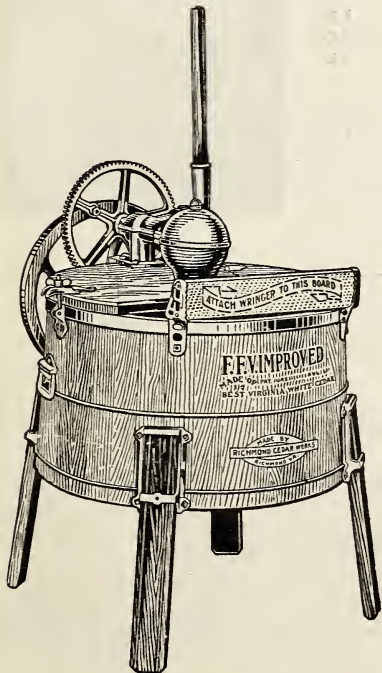


This washer is constructed of the best Virginia white cedar, and is very strong and durable.

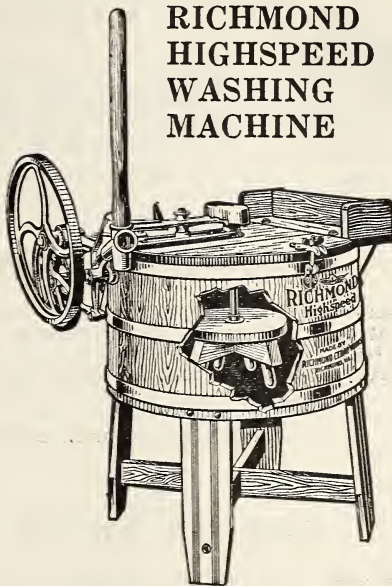
It is supplied with improved gearing and all castings are japanned.

Very easy running.

Price ..... \$10.00



## RICHMOND HIGHSPEED WASHING MACHINE



The mechanical principle of this machine is positive in its action, and all gears are incased in accident-proof covers, reducing danger to a minimum.

It has a well balanced fly wheel, running on ten roller bearings, and cut gears. Power can be attached by belting to the fly wheel if desired.

The tubs are Virginia white cedar with heavy flat steel hoops.

Very simple, strong and easy running.

Price ..... \$13.00

## THE F. F. V. IMPROVED WASHER

*Has the Celebrated "MAJESTIC"  
Washer*

movement which is "geared" up to a shaft with a well balanced, heavy weight fly wheel. The lever or handle is "direct geared" to the mechanism, and has a forged steel pitman rod which drives the machine with great power and speed, but with little labor. The heavy, nicely balanced fly wheel, running on seven polished rollers, reduces friction to a minimum.

This machine has a Virginia white cedar tub, and is hooped with the best electric-welded wire hoops (galvanized). The main frame of the F. F. V. Improved is now made of two solid halves, with self-lubricating gear case, which is accident and dirt-proof.

Price ..... \$18.00



MAJESTIC ROTARY WASHER

This washer is constructed of the best Virginia white cedar, and is very strong and finely constructed.

It is simple, strong, easy running and noiseless, the rotary motion being continuous, and the fly wheel heavy.

Very little power is required to operate this machine.

Price ..... \$14.00

RAT NIP

A very tasty bait that rats and mice crave, combined with a very strong poison, which kills at once. There are no half way results. Rats and Mice never recover after nibbling RAT NIP. It is absolutely sure. Comes in a tube and is very easy to handle. It is equally effective for roaches, water bugs, gophers and other pests.

Tubes ..... 35 cents each

*Rat Nip is a poison and cannot be sent by parcel post.*

O-CEDAR POLISH AND DUSTLESS MOP

The one perfect polish for pianos, automobiles, furniture, hardwood floors, and all waxed, varnished and polished surfaces, as it will not gum, and aside from its high luster, it is a dust allayer, a labor saver, and clean and sanitary in every particular.



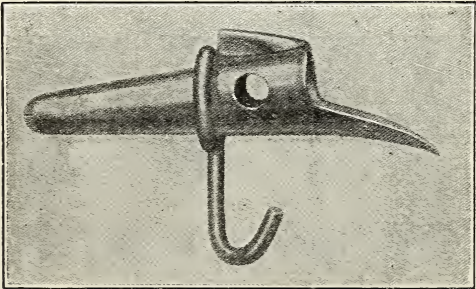
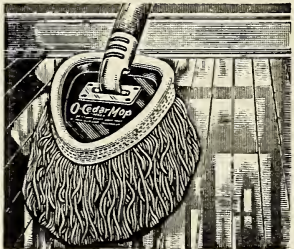
PRICES O-CEDAR POLISH

4 oz. bottle .....	\$ .30
12 oz. bottle .....	.60
1 quart can .....	1.25
1/2 gallon can .....	2.00
1 gallon can .....	3.00

PRICES O-CEDAR MOPS

Number 3 .....	\$1.50
Number 4 .....	1.00
Number 15 .....	.75
Number 9, Dry Dusting .....	1.00

*If ordered sent by Parcel Post, add extra for postage.*



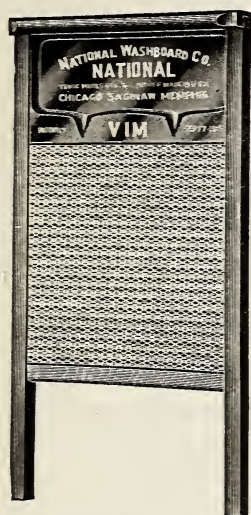
GRIMM SAP SPOUT

The Grimm Spout is perfectly round and smooth and of such a taper as will permit its use in bores varying in size so as to allow reaming of the bore without providing a larger spout; its taper is such that the spout is held by the outer bark so firmly as to carry the weight of the full bucket, without being driven hard enough to split the bark and cause waste of sap from leakage.

Price each .....\$ .03  
Price per hundred ..... 2.50

If sent by Parcel Post to any point 150 miles from Bangor, add 18 cents per 100 extra for postage.





## WASHBOARDS

Regular Size	Price
Tidal Wave Glass .....	60 cents
Soap Saver—Brass .....	75 cents
Soap Saver—Glass .....	75 cents
Soap Saver—Enamel .....	75 cents
Vim—Single glass surface .....	75 cents
Roma—Single galvanized surface .....	45 cents

## PAIL WASHBOARDS

Little Darling—Single zinc surface .....	25 cents
Jewel—Single zinc surface .....	35 cents
Colonial Jr.—Single zinc surface .....	40 cents

If sent by Parcel Post to any point to within 150 miles from Bangor, add 10 cents each to price of zinc boards, 14 cents to price of glass boards, and 8 cents each to price of pail boards for postage.

## COTTON CLOTHES LINES



Put up in 50-ft. and 75-ft. lengths.

	Price 50 feet	Price 75 feet
Columbia, Braided .....	\$.25	\$.75
Blackbird .....	.60	—
Bluebird .....	.40	—
Nashoba, Twisted .....	.60	.90
Bee, Solid Braided .....	.50	—
Manilla, $\frac{1}{4}$ in., Twisted .....	.50	—

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents each extra to either size or kind to pay postage.



## PATENT MOP WRINGER

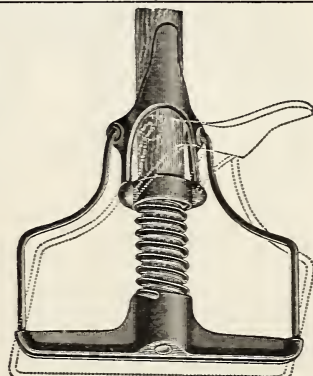
Will quickly wring a mop perfectly dry, without touching mop with the hands.

The wringer may be instantly attached to any pail and quickly removed.

### PRICES

Family Size, No. 2 .....	\$2.50
Hotel Size, No. 1 .....	3.25
No. 14, Galv. ....	3.25

If sent by Parcel Post to any point to within 150 miles from Bangor, add 16 cents each extra for postage.



*Ideal Lever Mop Handle  
Price, 25 cents*

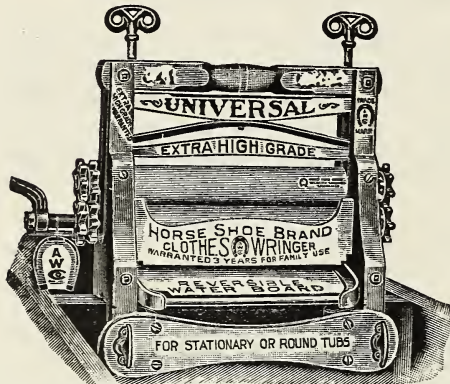
If sent by Parcel Post to any point to within 150 miles from Bangor add 9 cents extra for postage.

## CLOTHES WRINGERS

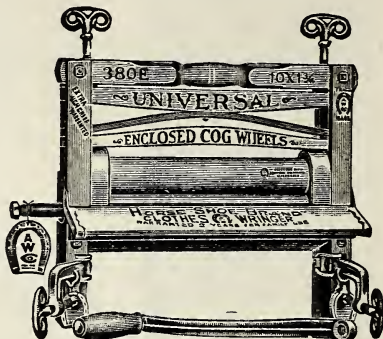
## WOOD FRAME

No. 360-E—UNIVERSAL—Family size, 10-inch rolls, with ball bearings for Set Tubs .....\$6.75

No. 361-E—UNIVERSAL — 11 - inch rolls with ball bearings for Set Tubs .... 7.25



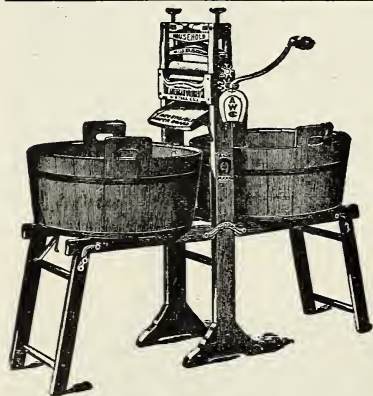
No. 360-E Universal



No. 380-E Universal

No. 380-E—UNIVERSAL — Family size, 10-inch rolls, with ball bearings and enclosed gears .....\$6.00

No. 380—UNIVERSAL — Family size, 10-inch rolls, with ball bearings ..... 5.75



## FOLDING BENCH WRINGERS

No. B 350-E—UNIVERSAL — Family size, 10-inch rolls, with plain bearings and enclosed gears .....\$9.00

No. B 380-E—UNIVERSAL — Family size, 10-inch rolls, with ball bearings and enclosed gears ..... 9.00

No. B 381-E—UNIVERSAL — Large size, rolls 11 in. x 1 1/4 in., with ball bearings and enclosed gears .... 9.50

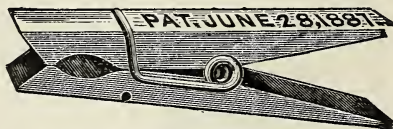
## SPRING CLOTHES PINS

In three-dozen boxes'  
 Price, per dozen .....\$ .08  
 Price, per gross ..... .85  
 Double Spring, per dozen ..... .15

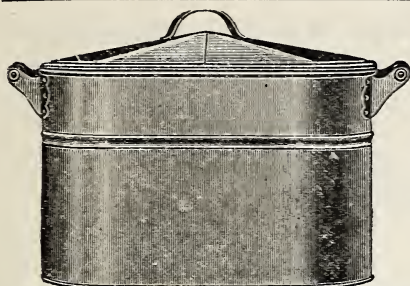
## COMMON CLOTHES PINS

Mann's Best (5 doz. in carton) .... 35c per carton  
 Oriental (extra quality) ..... 6c per dozen

If sent by Parcel Post to any point to within 150 miles from Bangor, add 7 cents per dozen and 10 cents per gross extra for postage.







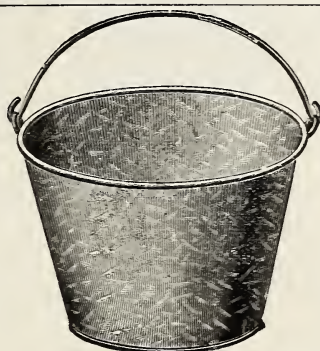
## OVAL WASH BOILERS

	Length	Width	Height	Price
No. 9—	22 $\frac{7}{8}$ in.	12 $\frac{3}{4}$ in.	13 in.	1xTin \$2.00
No. 10—	24 $\frac{3}{8}$ in.	13 $\frac{1}{2}$ in.	13 in.	1xxTin 3.25
No. 9—	22 $\frac{7}{8}$ in.	12 $\frac{3}{4}$ in.	13 in.	1xTin
	with copper bottom .....			2.50
No. 9—	22 $\frac{7}{8}$ in.	12 $\frac{3}{4}$ in.	13 in.	galvanized iron .....
				2.10
No. 9—	22 $\frac{7}{8}$ in.	12 $\frac{3}{4}$ in.	13 in.	all copper .....
				5.00

### Galvanized Water Pails



10-quart .....	35c
12-quart .....	40c
14-quart .....	45c
14-quart, extra heavy .....	75c



### MULE PAILS

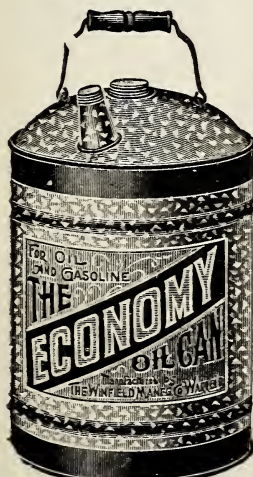
Large Top, Flaring Sides  
 16-quart, No. 616 ..... 70c  
 Made of heavy galvanized iron.

### Plain Tin Dairy Pail



10-quart .....	55c
12-quart .....	60c
14-quart .....	65c

THESE CANS ARE ALL MADE OF HEAVY GALVANIZED IRON AND VERY NEATLY DECORATED



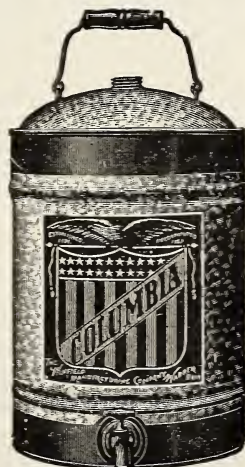
#### ECONOMY

5-gallon, \$1.00



#### POLO

1-Gallon, 40c 2-Gallon, 65c



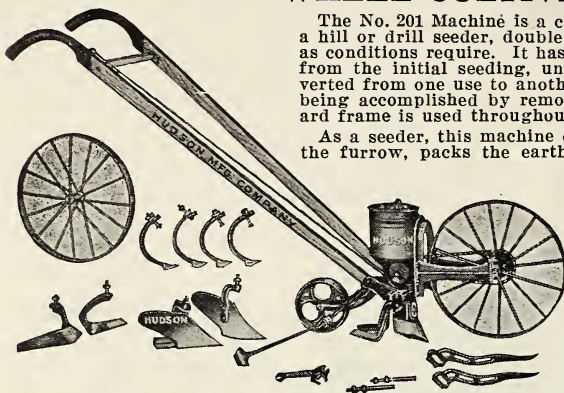
#### COLUMBIA

5-gallon, \$1.50

If sent by Parcel Post to any point to within 150 miles from Bangor, add 8c each to price of 1 and 2 gallon cans and 15 cents each to price of 5-gallon cans to pay postage.

All prices quoted in this catalogue subject to change without notice.

## NO. 201 HILL AND DRILL SEEDER, DOUBLE OR SINGLE WHEEL CULTIVATOR



No. 201

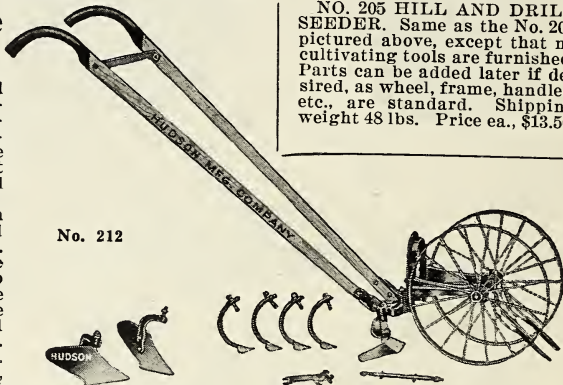
Standard Package—One in wood box, handles bundled separately. Shipping weight 60 pounds.  
No. 201 Seeder and Cultivator. Price each .....\$16.75

## No. 212 Double or Single Wheel Cultivator

The No. 212 Cultivator may be used as a double wheel hoe, plow, or cultivator astride the row during early cultivation, and as a single wheel cultivator between the rows later. The angle steel arch is high enough to permit straddling until the plants are well grown.

Tool equipment is made of high grade steel, with surfaces polished and lacquered so as to scour in any soil. Cutting edges are sharpened to reduce friction. Mouldboards are curved to turn the earth cleanly. All shanks are malleable and unbreakable. Teeth are designed to thoroughly stir up the soil and give the plant roots plenty of air. Wheels are 16 inches high, with 1 1/4 in. tire. Handles are seasoned hardwood, with the easy plow-handle-grip, and adjustable to height. Reinforced with steel cross brace which will not break or pull out. Standard steel frame and arch are used, so that seeder parts may be added if desired, making the complete No. 201 outfit.

Standard Package—One each in wood box, handles bundled separately. Shipping weight 35 pounds.  
No. 212. Double Wheel Cultivator. Price each .....\$11.65



No. 212

NO. 205 HILL AND DRILL SEEDER. Same as the No. 201 pictured above, except that no cultivating tools are furnished. Parts can be added later if desired, as wheel, frame, handles, etc., are standard. Shipping weight 48 lbs. Price ea., \$13.50.



No. 240

## NO. 240 GARDEN PLOW

The high wheel plow is a favorite with the truck farmer or gardener who has sufficient work to justify separate machines for seeding and cultivating.

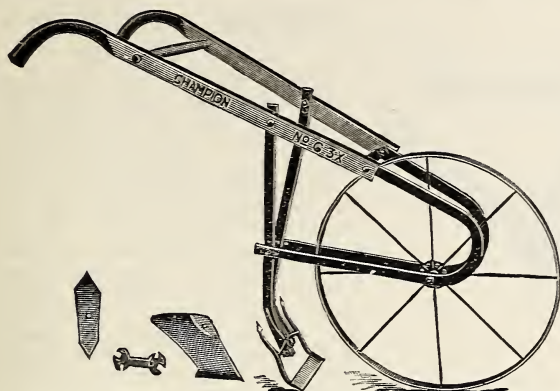
The Plow, double-pointed shovel, and sweep are made of regular plow steel. Surfaces are polished and lacquered and cutting edges sharpened. Rake is cast iron. Frame is steel with adjustments for varying the pitch of the tools. Handles are seasoned hardwood, reinforced at tips with steel straps to prevent splitting, and adjustable in height. Wheel is 24 inches high with 1 1/4 inch tire, insuring easy running.

Standard Package—One in a bundle, K. D. Shipping weight 22 pounds.

No. 240. Garden Plow. Price each .....\$4.25

All prices quoted in this catalogue subject to change without notice.





## No. G-3X High Wheel Cultivator

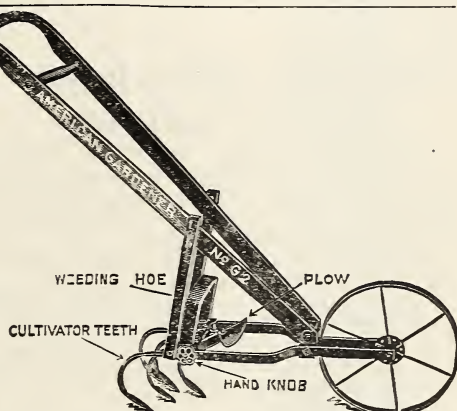
The TRUE TEMPER STANDARD No. 20 is the most efficient high-wheel cultivator made. By means of a patented frame, adjustment is made instantly with one wing nut. Attachments are forged from tool steel, hardened and polished. They will scour and work perfectly in any soil. Weight 18 pounds. The Midget Seeder may be easily attached.

Price ..... \$3.75

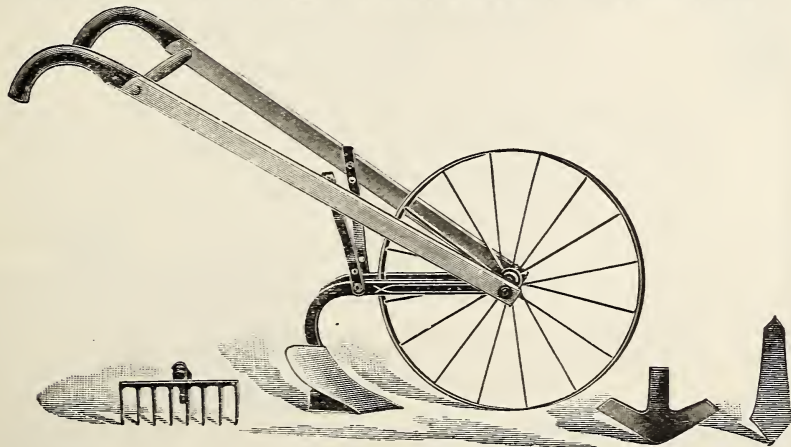
## The American Gardener No. G2

The AMERICAN GARDENER, No. G2, is the most talked of and best selling general purpose cultivator on the market. It plows, cultivates or hoes by simply turning the Hand Wheel—three implements in one. Weight 20 pounds. The Midget Seeder may be easily attached in place of Drill Plow.

Price ..... \$5.75



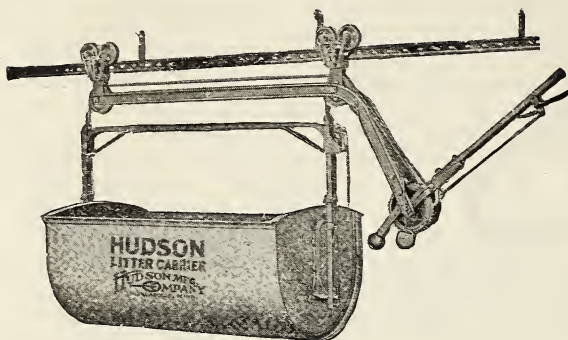
## CLIMAX WHEEL CULTIVATOR AND PLOW



This cultivator is a great favorite where an inexpensive and efficient tool is required. It has a 24-inch high wheel, is light, easy running, very strong and durable. Furnished with one cultivator tooth, one scuffle hoe, rake and plow.

Price ..... \$3.75

All prices quoted in this catalogue subject to change without notice.



### Hudson Lever Hoist Litter Carrier

This carrier contains many features not found in any other. It is quickly and easily raised by ratchet and drum worked by a hand lever. An exclusive Hudson feature. When not in use the handle may be pushed up out of the way and out of the dirt.

The tub, which locks at both ends, is built of extra heavy galvanized steel, reinforced with angle iron around top and ends, all closely riveted and made water-tight. The hoisting cable will wear a lifetime. Capacity 9 bushels.

Send for Descriptive Circular and prices.

### HUDSON CHAIN HOIST LITTER CARRIER

This Hudson Heavy Duty, Back Geared Litter Carrier is designed for large, extra heavy loads. The hoisting chain is of special strength and is tested to several times the load it will have to carry.

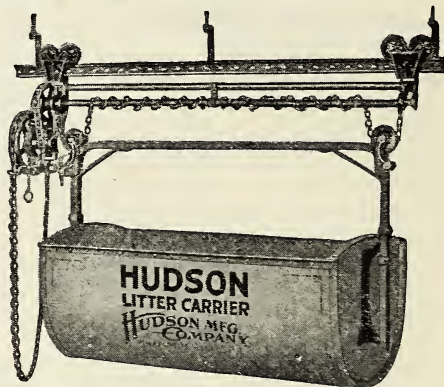
Carrier is equipped with friction brake and special clutch arrangement.

Tub is made of heavy galvanized sheet steel, reinforced around the top and ends with heavy angle iron closely riveted.

This carrier has the special Hudson feature of locking at both ends.

Capacity 9 bushels.

Send for Descriptive Circular and prices.



### HUDSON STANCHIONS Wood Lined

This tubular steel stanchion conforms at the top and bottom with the contour of the cow's neck. It is suspended at the top and anchored at the bottom with a welded link chain which permits the cow free movement when lying down or getting up. It also allows her to freely and naturally turn her head to card herself as far back as either flank.

The Hudson Latch is positive. It cannot be opened by the animal.

The Hudson Guide is fork-shaped and engages the stall upright when the stanchion is open, keeping it from swinging out of place.

Price ..... \$3.75



### HUDSON WATER BOWLS (Automatic)

Hudson Bowls are of superior construction. The Bowl proper is made of best grade gray iron, the bracket, valve case and the valve tongue of malleable iron, the plunger and attaching clip are of steel. By releasing a small catch, the bowl can be easily detached for cleaning, etc.

Price ..... \$3.35 each

All prices quoted in this catalogue subject to change without notice.





## WOOD PUMPS

In the manufacture of these none but the very best of material is used. Every pump is warranted to give perfect satisfaction.

Porcelain Lined. Made from 6x6-inch stock.

3½-inch bore, for general use.

6 feet long .....	
7 feet long .....	
8 feet long .....	
10 feet long .....	
12 feet long .....	
14 feet long .....	
16 feet long .....	

### UNLINED

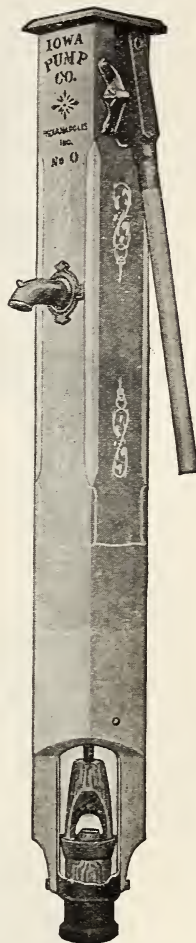
7 feet long .....	
8 feet long .....	
4x4-in. pipe for above pumps .....	
Coupling and bands .....	

## LARGE STOCK PUMP

Porcelain lined. 8x8-inch stock, 4½-inch bore.

7 feet long .....	
8 feet long .....	
10 feet long .....	
5x5-in. pipe for pump .....	
Coupling and bands .....	

*Prices on application.*



## RURAL MAIL BOX

*New, Up-to-date, Approved and Standardized*

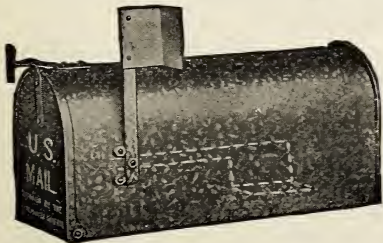
This box is guaranteed to comply with all Post-office regulations and requirements.

Size of box is 18½ inches long, 6¼ inches wide and 7½ inches high, inside measurements.

It has slot in door for letters, for bundles, etc. The door can be very readily opened.

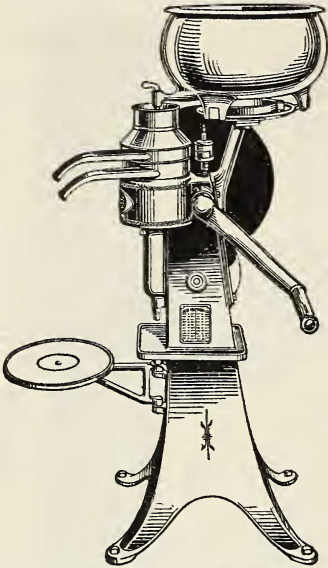
Price ..... \$1.75

Stenciling name on box, 50 cents extra.



If sent by Parcel Post to any point to within 150 miles from Bangor, add 20 cents extra for postage.

All prices quoted in this catalogue subject to change without notice.

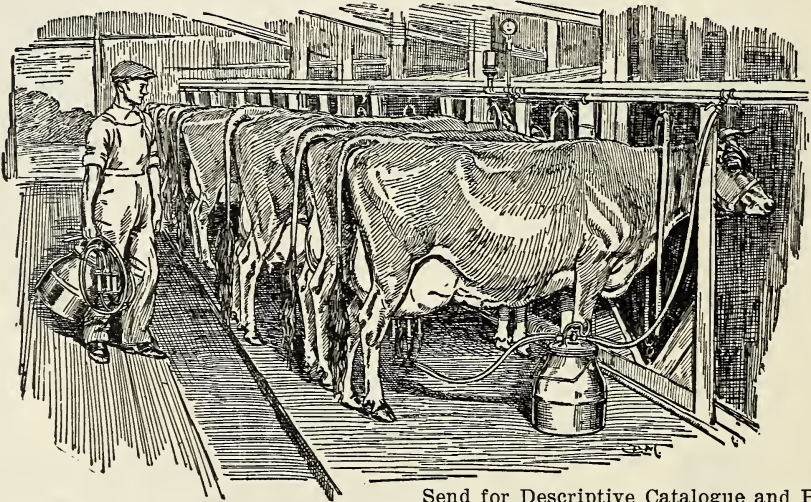


## THE DELAVAL SEPARATORS

The simplest, easiest running, most durable cream separator ever put on the market. Saves 10 per cent. to 50 per cent. in skimming. Saves 5 per cent. to 10 per cent. in churning. Saves time and labor. Saves ice and water. Saves \$10 per cow, per year.

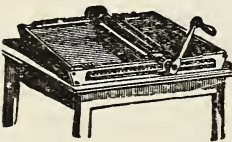
Send for Descriptive Catalogue  
and Prices

## THE DELAVAL MILKER



Send for Descriptive Catalogue and Prices.

## REID'S PATENT BUTTER WORKER



This machine is very efficient in its work, simple in its construction, and convenient to handle. It consists of a tray and a roller with paddles, which is turned by a crank, and traverses from end to end of tray.

The machines are all built of the best material; the iron part is galvanized, preventing rust.

No.	Size	Capacity	Prices
1.....	23x36 in., 2½ in. deep, inside.....	50 lbs. ....	\$22.00
2.....	20x36 in., 2½ in. deep, inside.....	30 lbs. ....	19.00
3.....	17x27 in., 2½ in. deep, inside.....	20 lbs. ....	17.00

All prices quoted in this catalogue subject to change without notice.





### FOUR-TINE SPADING FORK

Made with heavy angular tines and heavy Strap Ferules.

#### PRICES

D Handles .....	\$1.75
Long Handle .....	\$1.75



### STONE PICKING FORK

One of the handiest tools on a farm. Small rocks can be picked up in quarter of the time and no backaches.

#### PRICE

Long Handle .....	\$1.50
-------------------	--------

### MANURE FORKS

Made of the best tempered steel and furnished with selected white ash handles.

#### PRICES

Four Tine, D Handle .....	\$1.50	Five Tine, Long Handle .....	\$1.75
Four Tine, Long Handle .....	1.50	Six Tine, D Handle .....	2.00
Five Tine, D Handle .....	1.75	Six Tine, Long Handle .....	2.00



### STEEL GARDEN RAKES

Made of the best tempered steel and furnished with selected white ash handles.

#### PRICES

Twelve Teeth .....	\$ .90
Fourteen Teeth .....	1.00
Sixteen Teeth .....	1.10



### POTATO SCOOP FORK

Every farmer needs one. It is the best tool on earth for handling Potatoes, Onions, Beets, Turnips, Corn on the Cob, Ensilage, etc. Does not bruise or cut vegetables. It screens out dirt, etc.

PRICE, \$2.75



### HERCULES POST HOLE DIGGER

This is a standard and well known digger. Is made of good material, well finished, durable and substantial.

Price ..... \$2.00



### IWAN'S PATENT IMPROVED POST HOLE AUGER

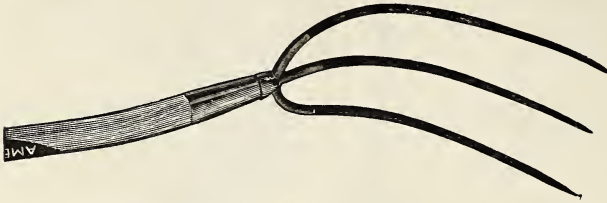
The best and easiest earth-boring auger on the market. It is so constructed that it requires but very little pressure in using and will bore in all kinds of ground.

#### PRICES

6-inch .....	\$2.50
8-inch .....	2.75
9-inch .....	3.00

All prices quoted in this catalogue subject to change without notice.

## HAY FORK



Three Tine Bent Handle.

Made of best tempered steel and furnished with selected white ash handles.

## - PRICES

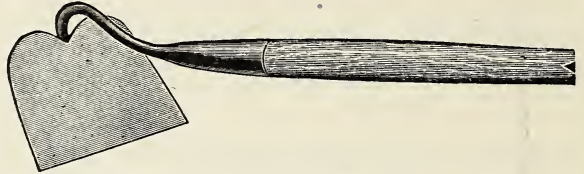
13-inch .....	\$1.10
14-inch .....	1.20
15-inch .....	1.35

## HAND HOES

Finely tempered steel blades, white ash handles.

## PRICES

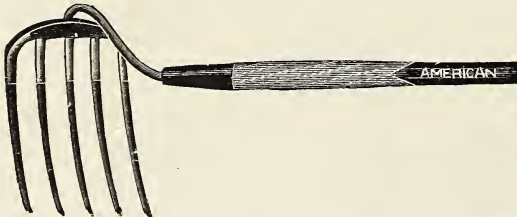
8-inch Shank Hoe .....	\$ .95
8-inch Socket Hoe .....	1.00

STEEL POTATO  
HOOKS

Finely tempered oval steel tines, solid shank, white ash handles.

## PRICES

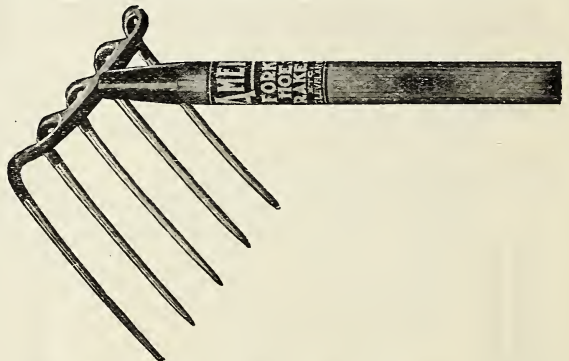
5 Tine, goose neck .....	\$1 25
6 Tine, goose neck .....	1.40

STEEL POTATO  
HOOKS

Finely tempered, bent, oval tines, solid shank, white ash handles.

## PRICES

5 Tine, Bent tine .....	\$1.25
6 Tine, Bent Tine .....	1.40

The  
Lightning  
Pattern  
Hay  
Knife  
Solid Steel

PRICE. \$1.75

If sent by Parcel Post to any point to within 150 miles from Bangor, add 12 cents each extra to pay postage.

All prices quoted in this catalogue subject to change without notice.





*Double Harpoon  
Horse Pitchfork.*

*Price, \$2.50*

If sent by Parcel Post to any point to within 150 miles from Bangor, add 25 cents each extra for postage.

We have extra large Double Harpoon Forks for handling straw or light hay, if desired.

*Write for prices.*



*Single Harpoon  
Horse Pitchfork.  
Walker Pattern.*

*Price, \$3.75*



*Single Harpoon  
Horse Pitchfork,  
Nellis Pattern.*

*Price, \$4.50*



*Steel Grapple,  
Price, 80c*

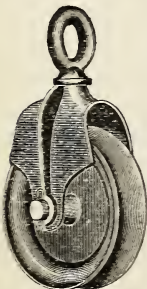
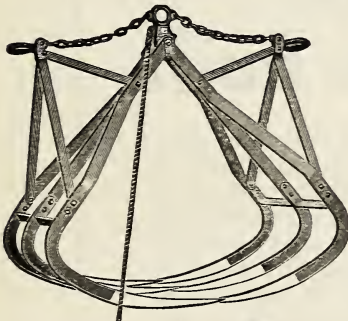


*Wrought Iron  
Floor Hook,  
Price, 30c*

## Grapple Horse Pitchfork

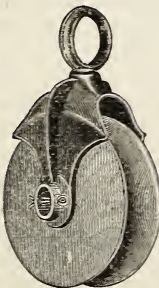
These forks are made from the best quality of spring steel and highly finished. They never fail to give satisfaction.

Price of Four-Tine .....\$10.00  
Price of Six-Tine ..... 12.00



*Iron Frame  
Iron Sheave  
Pulley,*

*Price, 50c*



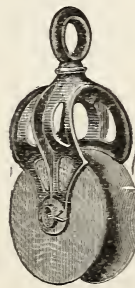
*Iron Frame  
Maple Sheave  
Pulley,*

*Price, 60c*



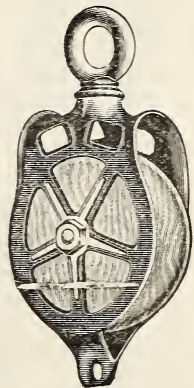
*All Wood  
Maple Sheave  
Pulley,*

*Price, 60c*



*Iron Frame  
Maple Sheave  
Knot Passing  
Pulley,*

*Price, 85c*



*Iron Frame  
Maple Sheave  
Snatch Pulley,*

*Price, 70c*

If sent by Parcel Post to any point to within 150 miles from Bangor, add 9 cents each extra to price of Pulleys, Floor Hook and Grapple for postage.

# MICHELIN

## TIRES TUBES



## The longest- *lived* tire built

*listen to  
the*  
**MICHELIN  
TIREMEN**

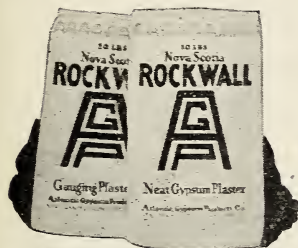
over WJZ and the  
Blue Network on  
Thursday Even'gs

**M**OST tire manufacturers make several grades of tires, but Michelin makes just one grade—the best. Only the finest materials are used in *all* Michelin Tires. For instance, Michelin rubber comes from selected plantations and costs 2c more per pound than the market price. Moreover, the most advanced design and manufacture are used thruout. For example, Michelin has pioneered in the use of high-twist cord, and Michelin Tires have *always* been made of rubber-saturated fabric, now widely advertised. No wonder it pays to use Michelins.



# ROCKWALL GYPSUM PLASTER

ROCKWALL Gypsum Plasters are highly developed for slip; sand carrying capacity and uniformity of set. They are made exclusively from Nova Scotia Rock, noted for its strength and purity.



ROCKWALL  
PLASTERS  
Neat Gypsum  
Gauging  
Ready Mixed  
Sanded  
Wood Fibre  
Concrete Bonding  
Finishing Hydrated  
Lime

Use  
ROCKWALL  
on your  
next job

A  
35-year  
reputation  
for quality

## USE ROCKWALL ON YOUR NEXT JOB

CIRCULARS AND PRICES ON APPLICATION.

## USE EITHER SIDE

Rockwall has both sides finished alike. There are no markings to hide—no unevenness to smooth over—no matter which side of the board is faced out. Here is a big saving in time, labor and stock in case of damage to one face of the board. Square reinforced edges with lap turned in a full inch for greater strength and a greater nailing edge.

Following sizes: 6, 7, 8, 8½, 9, 10 and 12 foot lengths; 32 and 48 inch widths.



# ROCKWALL

## GYPSUM WALL BOARD

CIRCULARS AND PRICES ON APPLICATION.

All prices quoted in this catalogue subject to change without notice.



### Johns - Manville Insulating Lumber

is a strong, rigid, building board made of wood fibres. Comparative tests prove that its insulating value is three times greater than solid wood, twelve times greater than plaster or solid brick and twenty-four times greater than concrete. Let us tell you the rest of the story.

## Johns-Manville INSULATING LUMBER

### JOHNS-MANVILLE INSULATING BOARD

*The most modern insulating building material; structurally strong and rigid; made entirely of wood, a felted mass of waterproofed fibres.*

It gives insulation. It adds strength when used to replace wood lumber, or sheathing, wall-board, exterior finish and roof insulation.

*Absolutely sanitary; will not support or harbor vermin of any sort.*

Stock sizes— $\frac{1}{2}$ -inch thick; 4 feet wide; 6, 7, 8,  $8\frac{1}{2}$ , 9,  $9\frac{1}{2}$ , 10, 11, 12 feet long. Weighs about 700 pounds per 1,000 square feet.

Write for prices.

## INSIDE FROSTED HYGRADE LAMPS

### STANDARD SIZES

15, 25, 40, 50, 60 and 100 watts.

For all lighting purposes except those requiring special lamps, these six standard sizes will give the most satisfactory and economical service.

### PRICE LIST

#### INSIDE FROSTED HYGRADE LAMPS

Volts	Watts	Stan. Pkg.	Price
	15		\$ .20
110	25		.20
115	40	120	.20
120	50		.22
	60		.22
	100	60	.35

Inside Frosted Hygrade Lamps are also made in high voltages, and for Country Home Lighting and Train Lighting Service.

#### HYGRADE MILL TYPE LAMPS

Volts	Watts	Stan. Pkg.	Clear
110			
115	50	120	\$ .25
120			

#### HYGRADE GAS-FILLED LAMPS

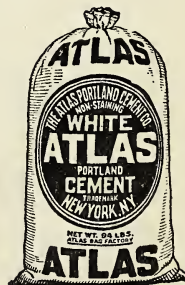
Volts	Watts	Stan. Pkg.	Clear
	75	60	\$ .45
110	150	24	.60
115	200	24	.80
120	300	24	1.25
	500	12	2.00

## ATLAS PORTLAND CEMENT

Atlas Portland Cement is the standard by which all other Cements are measured.

Very uniform in quality, always reliable.

Write for prices.





## CONTINENTAL ROOFING PRODUCTS

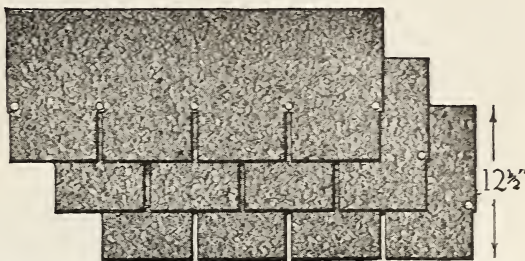
## STRIP SHINGLES

(4-in-1)

These very popular Continental Strip (4-in-1) Asphalt Mineral Surfacd Shingles are designed and made for roofs where conventional shingle design and coloring, as well as long and satisfactory service, are desired. Providing a high-grade roofing of unusual distinction this product has received emphatic appreciation. Their construction makes them easy to lay, convenient to handle, requiring few nails, leaving no open channels and may be applied rapidly.

They are very durable, thoroughly waterproof, fire-resisting and particular pleasing in appearance.

In non-fading shades of red, green and blue-black. Made in 10 by 36-in. size, 190 lbs. to square, packed 2 bundles to square; and in 12½ by 36-in. size, 240 lbs. to square, packed 3 bundles to square; requiring 100 shingles to square; 5 nails are used to each strip. Shingles bear the Underwriters' Class C label as fire-resistant.



## BALMAR ROOFING

Balmer Mineral-Surfaced Special Grade Roofing is made for those who require a lighter weight mineral-surfaced roll roofing at a lower price.

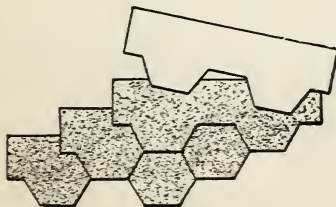
In three permanent colors, red, green and blue-black. Each roll weighs approximately 80 lbs., containing enough roofing to cover 100 square feet of surface. Nails and cement are packed in core of rolls.

## APEX ROOFING

Apex Standard Grade Roofing is a ready-to-lay roofing made to meet the demand for a serviceable medium-priced roof covering. If Apex roofing is applied according to directions, enclosed with each roll, it will give more years of satisfactory wear than any other medium-priced roofing.

In two weights: medium, 45 lbs.; heavy, 55 lbs. per roll. Each roll contains enough roofing to cover 100 square feet of roof. Nails and cement for applying are packed in core of each roll.

Heavy Apex bears Underwriters' Class C label.

SHINGLES  
Giant 2-Tab

This Giant weight shingle is made from extra heavy felt and is recommended for residences and other structures where the maximum of roof protection and real architectural beauty is desired. Designed for greatest economy of material and low cost of application.

Larger size (13¼ by 36 inches) saves money by requiring fewer shingles to the square. Wider head-lap

(2½ inches) gives added weather and water resistance, self-aligning and self-spacing.

In standard non-fading colors of red, green and blue-black; also our Kolortint.

Approximate weight 235 lbs. per square. Only 76 shingles to the square; packed three bundles to the square. Only four nails needed to each strip.

Bear Underwriters' Class C label.

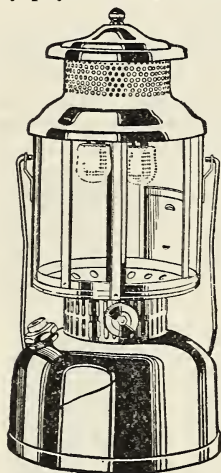
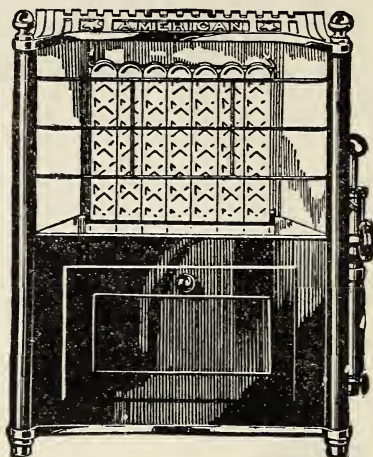
All prices quoted in this catalogue subject to change without notice.

Fuel tank, generator and match lighter are built in one unit and are removable for filling tank. Tank has hand operated filler plug, built-in pump and air pressure gauge.

The American Radiant Heater operates on the principle which has been used in American gasoline lighting, heating and cooking appliances for more than 30 years. It makes its own gas from ordinary gasoline, one gallon being sufficient for 8 to 20 hours, depending on the amount of heat required. Being equipped with the American Blue Flame match lighter it takes less than one minute to light it. The flame is instantly regulated as desired.

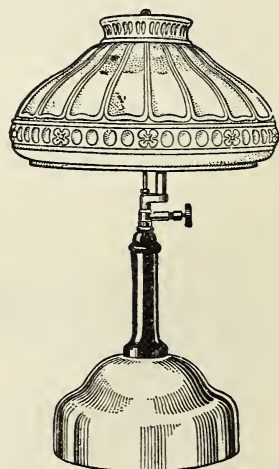
The American Radiant Heater is neat and pleasing in design. It is built of heavy gauge steel and finished in black baked enamel with polished nickel base, top and trimmings. An ingenious plan of air circulation keeps the sides, back and tank cool, all heat being radiated from the heating elements and polished reflector.

From a health standpoint, the American is unsurpassed, this method of heating being endorsed by physicians and leading health authorities.



Ready-Lite lanterns are best for every purpose for which a lantern is used. They are wind, storm and insect proof. Fuel cannot spill or leak nor can they explode if tipped over. Absolutely safe anywhere.

Costs less than an oil lamp to use and gives 25 times as much light. Light is properly softened and diffused by the opal shade making it restful and pleasing to the eyes. The best lamp to read, study or work by and an ornament in any room. Built of heavy brass, polished nickel finish with ebonized, hardwood standard. Also supplied with beautifully decorated shades. Height 20 inches, diameter of fount 8½ inches. Capacity, 3 pints; burns 18 to 20 hours with one filling. Packed in corrugated box with pump, wrench, mantles, tip cleaner, extra generator and directions for operating. Shipping weight, 12 pounds.

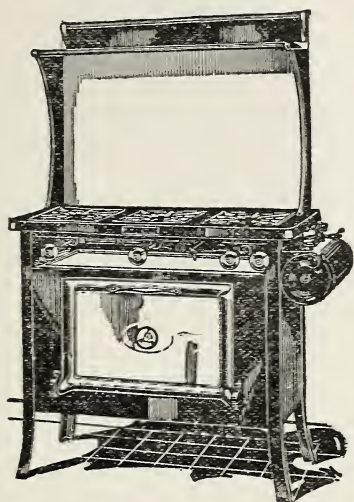


*Write for circulars and prices*

All prices quoted in this catalogue subject to change without notice.



## AMERICAN GASOLINE COOK STOVES

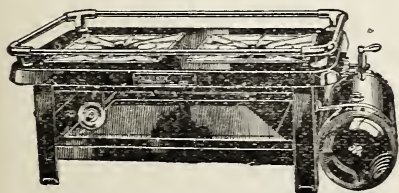


Into thousands of homes the American Kitchenkook has brought a service which women have always sought but which, until the coming of Kitchenkook did not exist. Kitchenkook provides every convenience and every desirable feature of city gas service with its quick, clean cooking fire. The American Kitchenkook is essentially a gas stove. Its fuel is gas which the stove itself produces, as it burns, from any good grade of gasoline. Numerous tests show that the Kitchenkook fire is much faster than that of kerosene; that it is even faster than city gas, which is the usual standard for comparison. Because of its economy, Kitchenkook is replacing gas in many communities where the gas rates are high or the gas of poor quality.

But the American Kitchenkook has not only set a new high mark in cooking speed, it has established a new standard in fine liquid fuel stoves. Kitchenkook, for the first time, has made it possible for homes located beyond the gas service limits to secure a real gas range of pleasing design, with beautiful and durable finish, with an efficient built-in oven and a real broiler; a stove in every way equal to the finest gas range.

*Write for circulars and prices*

## KAMP-KOOKS



America's finest and most complete camp stove. Bakes, broils, roasts, toasts, boils and fries. Does everything you can do with a gas range. Equals city gas in cooking speed. Equipped with oven if desired. Folding wind shield, which may also be used as a back shelf. Made in several sizes and styles.

*Write for circulars and prices*

All prices quoted in this catalogue subject to change without notice.

The following is a partial list of other items we carry in stock.

A	D	M
Anvils	Delivery Crates	Meat Scraps
Apple Parers	Drag Heads & Drags	Metal Lath
Ash Cans	Dynamite	Mica Crystal Grit
Ash Dumps	Dairy Thermometers	Milk Bottles
Ash Pit Doors	Diggers—Potato	Milk Bottle Brushes
Ash Sifters	Dry Measures	Milk Bottle Caps & Carriers
Asparagus Knives		Milk Cans
Axes, Chopping	E	Milk Pails
Axes, Ice	Eaves Trough	Mops
Axle Grease	Egg Beaters	Mop Wringers
B	Egg Cases	Mowing Machines
Babcock Testers	Egg Preservative	
Barndoor Fixtures	Electric Appliances	P
Barrel Covers	Engines	Padlocks
Barrel Headers		Pails—Galvanized
Barrel Swings	F	Pails—Tin
Barrows	Fanning Mills	Paint
Baskets	Feed Cookers	Pick Axes
Bathtubs, etc.	Feed Cutters	Poultry Crates
Batteries	Fencing	Poultry Feeders
Bee Keeper's Supplies	Fence Posts	Poultry Supplies
Bone Cutters	Fence Stretchers	Powder Guns
Bone Meal	Fertilizers	Pruners
Boilers, Farm	Files	Pumps
Boilers, Steam & Water	Fire Erick	Punches
Bottle Brushes	Fire Extinguishers	
Bottle Filler	Fireplace Throats	R
Bread Boards	Flour Sifters	Radiators
Bread Mixers	Flue Lining	Radios
Brooders	Food Choppers	Refrigerators
Buckets—covered	Fruit Jars	Road Drags
Butter Boxes	G	Roofing
Butter Carriers	Garbage Cans	Rubbish Burners
Butter Color	Garden Hose	
Butter Ladles	Garden Sets	S
Butter Molds	Gloves—Cotton	Saw Blades
Butter Paper	Grass Hooks	Sawing Machines
Butter Workers	Grindstones	Scales
C	Grit	Scrapers
Calcium Chloride	H	Seed Sowers
Calf Feeders	Hammers	Sceptic Tanks
Cantdogs	Hammocks	Sewer Pipe
Cattle Cards	Haying Machinery	Shovels
Cel-O-Glass	Hydraulic Rams	Sinks
Cement	I	Skis & Sleds
Chain Belting	Ice Cream Dishers	Stoneware
Chain Hoists	Ice Cream Freezers	
Chemical Closets	Ice Hooks	T
Chimney Tile	Ice Plows	Tables—Ironing
Chopping Knives	Ice Saws	Tanks
Chopping Bowls	Incubators	Tea Kettles
Churns	International Goods	Thermometers
Cider Mills	K	
Cleavers	Kegs	V
Clothes Dryers	Knife Grinders	Varnishes
Clothes Horses		Vinegar Pumps
Collar Pads	L	Vises
Corn Planters	Ladders	
Corn Poppers	Ladder Hooks	W
Cream Bottles	Land Tile	Wallboard
Cultivators	Lamp Chimneys	Wash Tubs
Curtain Stretchers	Lanterns	Water Heaters
	Lime	Watering Troughs
		Weather Vanes
		Wrenches

All prices quoted in this catalogue subject to change without notice.





## Heavy Bessemer Steel Document Box

Finished in black baked enamel, with two keys.

This is a very valuable box for private papers, such as notes insurance policies, etc.

Size 11 1-2 inches by 5 1-2 inches by 2 1-4 inches. Price 75 cents.

If sent by Parcel Post to any point to within 150 miles from Bangor, add 6c each extra for postage.

### NOTICE --- GIVEN FREE TO OUR CUSTOMERS

This valuable and convenient box we give away with cash orders or cash purchases amounting to \$7.50 or over. If desired include in your order. In sending in your order please specify if you wish for one of these boxes included in your order.

---

## New Idea PIPELESS FURNACE

ASK YOUR DEALER  
FOR PRICES



Pipe and Pipe Fittings  
Sewer Pipe, Fire Clay, Fire Brick  
Fire Clay Flue Lining  
Elastic Pulp Plaster  
Plastering Hair  
Roofing



ELECTRICAL SUPPLIES and RADIOS

---

Plumbing — Steam Fitting — Heating Supplies

---

Agents for ATLAS PORTLAND CEMENT  
and KEYSTONE VARNISH CO. PAINTS

---

ROCKLAND LIME — CALCINE PLASTER

---

High Temperature and Asbestos Cement